



Ref: ANITS/2023-24/ISTE/ Circulars/04

Date: 21/03/2024

**CIRCULAR**

All the students of I/IV, II/IV, III/IV are hereby informed that **Indian Society of Technical Education (ISTE)** is going to conduct an event “**! NOT SOLUTION**” on **22-03-2024**

**Time:** 1:00pm to 4:00pm

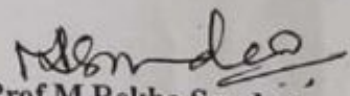
**Venue :** Fourth Floor, G-Block, IT Department

**Student Co-ordinators:**

1. B.Viswesh Satya Vardhan
2. P.V.S.R.Mudita Kovida
3. J.Dhanush
4. S.Gyanavi
5. G.Charan

**Faculty Coordinators:**

1. Mrs. A.Surekha - IT *AK*
2. Mrs. G.Indira Devi - ECE
3. Mrs. V.Rangavalli - EEE
4. Mrs. M.Sailaja - MECH
5. Mrs. D.Asmini - CSE
6. Mrs. P.Ratna Kumari - CSM
7. Mr. Shaik Asif Ali - CIVIL
8. Mr. M.Koteswara Rao - CHEM

  
Prof. M. Rekha Sundari

Convenor

**HEAD OF THE DEPARTMENT**  
Department of Information Technology,  
Anil Neerukonda Institute of Technology  
& Sciences (Autonomous)  
Sangivalasa, Visakhapatnam-531 162



## ISTE !NOT SOLUTION SUMMARY REPORT

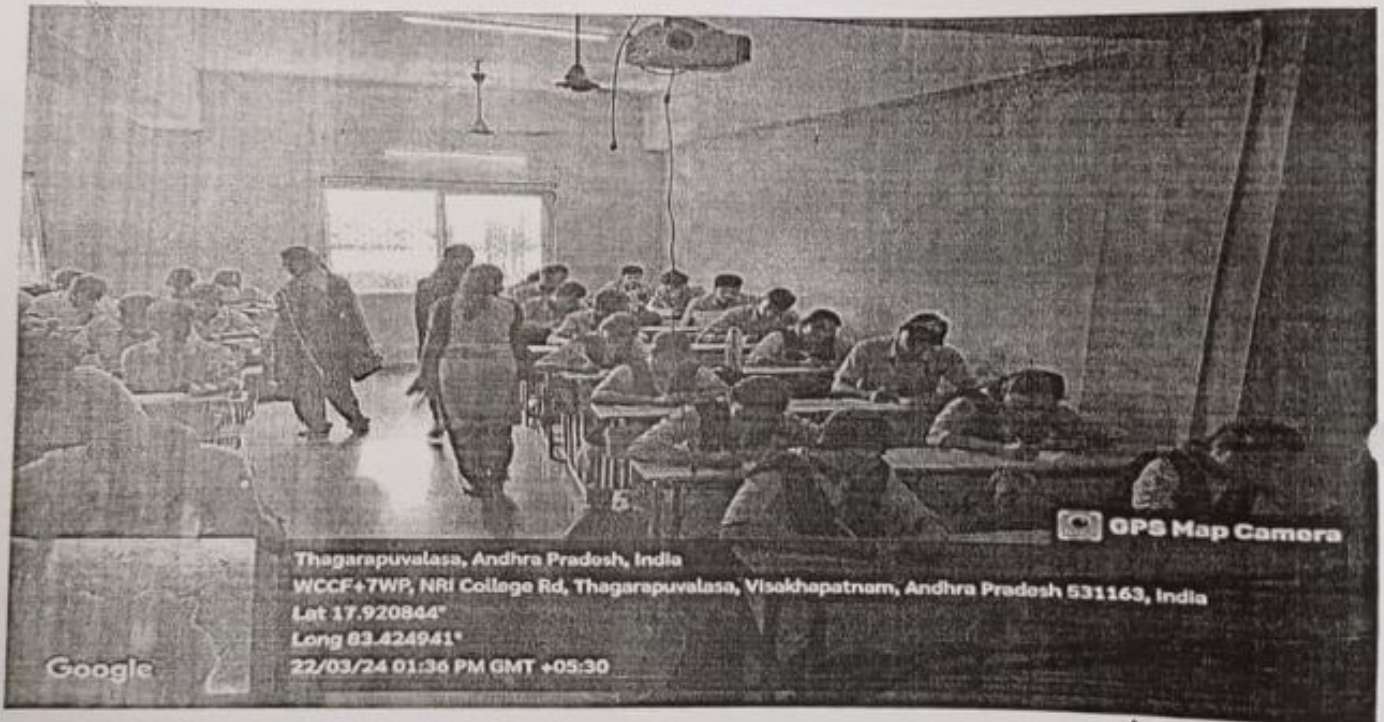
ANITS Indian Technical Society of Education (ISTE) conducted One Day event on “!NOT SOLUTION” a Technical event for all I/IV, II/IV, III/IV students. The main purpose of this event is to encourage, engage, and challenge our students through Problem Analysis. The event consists of single round where three Psuedocodes are given and Test cases have to be generated for the given 3 Psudeocodes. Total 53 registrations have been done out of 53 participants who have registered 48 members have participated from all the Departments of the college. Each student will be given 3 Pseudocodes and each one have to solve all the three test cases who gives the best test cases will be declared as winners of the event. E-certificates will be given for the participants and winner certificates will be given to the winner.

### Geo-Tag Photos:





Thagarapuvalasa, Andhra Pradesh, India  
 EEE Block, Canteen Rd, Thagarapuvalasa, Visakhapatnam, Andhra Pradesh 531163, India  
 Lat 17.92103°  
 Long 83.425106°  
 22/03/24 01:38 PM GMT +05:30



Thagarapuvalasa, Andhra Pradesh, India  
 WCCF+7WP, NRI College Rd, Thagarapuvalasa, Visakhapatnam, Andhra Pradesh 531163, India  
 Lat 17.920844°  
 Long 83.424941°  
 22/03/24 01:36 PM GMT +05:30

*AS*  
 Mrs.A.Surekha  
 ISTE Co-ordinator

*M. Rekha Sundari*  
 Prof.M.Rekha Sundari  
 Convenor

**HEAD OF THE DEPARTMENT**  
 Department of Information Technology  
 Anil Neerukonda Institute of Technology  
 & Sciences (Autonomous)  
 Sangivalasa, Visakhapatnam-531167





# Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE  
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### ISTE NOT SOLUTION EVENT ON 22-03-2024

S.No	Roll Number	Name of the student	Signature
1.	A22126552119	UPPADA. Bhargavi	
2.	A22126552122	W. Neha	
3.	A22126552088	K. Deekshita	
4.	A22126552134	B. Anishwarya	
5.	A22126552181	U. Srimugdha	
6.	A22126552167	N. Varalakshmi	
7.	A22126552143	G. Meghana	
8.	A23126510171	P. Anand Kumar	
9.	A23126510185	T. Yashwanth	
10.	A23126510115	S. Surya Anvash	
11.	A23126510138	CH. SANTI	
12.	A23126510068	Ch. Narasinga Pranav	
13.	A23126510074	G. Rohith	
14.	A23126510115		
15.	A23126510128	A. kiran Sai	
16.	A23126510154	K. Manohar	
17.	A23126510152	K. Sohan	
18.	A22126511166	P. Shyam	
19.	A21126511139	Harithas Aags	
20.	A21126511153	D. Sree Charan	
21.	A211265111588	K. Diluwar	
22.	A21126514151	H. Lakshmana Rao	
23.	A21126514163	Ch. Dheeraneesh	
24.	A21126514129	K. Harsha vardhan	
25.	A21126514128	P.V.R. Manjya Shakti	
26.	A23126510093	J. Graneshwara Rao	
27.	A21126514068	A. ventadesh	
28.	A23126510147	K. Durga power	
29.	A23126510132	B. Kartheek	
30.	A23126510176	R. Mahesh	
31.	A21126510047	P. akireesha	
32.	A21126511095	K. Jawahar alaidu	
33.	A22126510046	N. Abhishek	
34.	A21126510058	S. Vidya	
35.	A21126510029	K. Suleha Latha	
36.	A21126510003	A. Sai Mounika	





# !SOLUTION

email:  
phno:

### Guidelines:

1. Copying decreases the chances of winning
2. There are 3 codes given, you need to write 2 testcases for each code
3. Utilize the next page for roughwork
4. Carefully analyse the i/O and generate test cases
5. Each valid test case is awarded 5 marks
6. Write the test cases in respective T1 and T2

T1:

T2:

T1:

T2:

T1:

T2:

```

Method hasSublistWithZeroSum(arr):
  for i from 0 to length of arr:
    sum = 0
    for j from i to length of arr:
      sum = sum + arr[j]
      if sum is equal to 0:
        return true
    return false

Method main():
  s = headInteger() // head number of test cases
  for each test case:
    s = headInteger() // head length of array
    declares arr as an array of size s
    for i from 0 to s-1:
      arr[i] = headInteger() // head array elements
  headInteger() // call method hasSublistWithZeroSum(arr)
  print "true"
  print "false"

```

code1

```

call main()

Method calculatePercentage(headCount, totalPLUs):
  headPercentage = (headCount / totalPLUs) * 100
  tailPercentage = 100 - headPercentage
  print headPercentage with 2 decimal points
  print tailPercentage with 2 decimal points

Method main():
  headPLUs = headInteger() // head number of PLUs allowed
  distroHead = headInteger() // head desired number of heads
  totalPLUs = 0

  Loop from i = 1 to headPLUs:
    outcome = headCharacter() // head outcome of each flip
    if outcome is 'W':
      increment headCount by 1
    Decrement totalPLUs by 1
  if headCount is equal to distroHead:
    Break from loop

  call calculatePercentage(headCount, totalPLUs)

```

code2

```

Function countwaysToBuildCastle(k, m, n, n1):
  mod = 10^9 + 7
  declare an array dp of size n + 3 and initialize all elements to 0
  dp[0] = 1

  for i from 1 to n:
    if i >= m:
      dp[i] += dp[i - m] % mod
    if i >= n1:
      dp[i] += dp[i - n1] % mod
    if i >= n:
      dp[i] += dp[i - n] % mod
      dp[i] %= mod
  return dp[n]

Input:
1. head n, the desired length
2. head three integers: m, n, and n1 (size of cards)

Output:
1. print countwaysToBuildCastle(k, m, n, n1)

```

code3

Transaction ID	Year	Branch	Section	EMAIL ID	ROLL NO	PHONE NUMBER	Preferred Coding Language	ISTE Member	Membership Number	Student Membership Card	Transaction ID	Payment Screenshot
3-21-2024 15.13.02	K.Dhanush	CSM	A	kdhhanush1e23_csm@ants.edu.in	A22126552193	9281495472	PYTHON	No		<a href="https://drive.google.com/uc?export=doc&amp;id=KHPjNNUdCPLdxyO65Tto1Vi">https://drive.google.com/uc?export=doc&amp;id=KHPjNNUdCPLdxyO65Tto1Vi</a>	T2403211512246060561136	<a href="https://drive.google.com/uc?export=doc&amp;id=1e5E3Rfnc1Z5SD55KqQdH0HNDf00Bpg">https://drive.google.com/uc?export=doc&amp;id=1e5E3Rfnc1Z5SD55KqQdH0HNDf00Bpg</a>
3-21-2024 15.51.00	DILESWAR KETAVATH	TT	C	Ketavathdileswar 21.11e@ants.edu.in	A21126511158	8125466902	JAVA	YES	000082		T2403211747133855886030	<a href="https://drive.google.com/uc?export=doc&amp;id=1a72GClhNLSfPwvHfReB0MBRjASdFimnF7">https://drive.google.com/uc?export=doc&amp;id=1a72GClhNLSfPwvHfReB0MBRjASdFimnF7</a>
3-21-2024 17.47.59	Karni Sai Krishna Naga Satish Reddy	CSM	B	karnisai Krishnanagasai ishreddy 22_csm@ants.edu.in	A22126552084	7382979978	C	No			T2403211846222998126809	<a href="https://drive.google.com/uc?export=doc&amp;id=1oel9RDYmah7QIHISIR9N9g9MS6O7YSar">https://drive.google.com/uc?export=doc&amp;id=1oel9RDYmah7QIHISIR9N9g9MS6O7YSar</a>
3-21-2024 18.48.32	Yaswanth thota	CSE	C	thotayaswanth 23_cse@ants.edu.in	A23126510185	7093357875	C	No			T2403211923443333989361	<a href="https://drive.google.com/uc?export=doc&amp;id=1a1rm2MqM9JhalAKK8mDXpV EPO7wn3UfT0">https://drive.google.com/uc?export=doc&amp;id=1a1rm2MqM9JhalAKK8mDXpV EPO7wn3UfT0</a>
3-21-2024 19.27.46	Kotiyada Ganeshwara rao	CSE	B	kotiyadaganeshwara o.23_cse@ants.edu.in	A23126510093	7995025026	C	No			T2403211912419515135395	<a href="https://drive.google.com/uc?export=doc&amp;id=11qdnD7Fb8EgOVSRioFz4Nc8KURcHc">https://drive.google.com/uc?export=doc&amp;id=11qdnD7Fb8EgOVSRioFz4Nc8KURcHc</a>
3-21-2024 19.45.42	Kanumuri L V S Janaki Ranna Raju	CSM	B	kanumurilvsjanakirann araju 22_csm@ants.edu.in	A22126552083	9642393888	PYTHON	No			T2403212107371429313321	<a href="https://drive.google.com/uc?export=doc&amp;id=1ZDol1UfA3VMhVV71MGSS8gRDRV656yPHZ8">https://drive.google.com/uc?export=doc&amp;id=1ZDol1UfA3VMhVV71MGSS8gRDRV656yPHZ8</a>
3-21-2024 21.08.19	N Abhishek	CSE	A	nounnabhishek 22_cse@ants.edu.in	A22126510046	8790340385	C	No			T2403212145239401072909	<a href="https://drive.google.com/uc?export=doc&amp;id=1703FYDx2G4LpvczEdm3hNM Y93VVDHMK1">https://drive.google.com/uc?export=doc&amp;id=1703FYDx2G4LpvczEdm3hNM Y93VVDHMK1</a>
3-21-2024 21.48.06	Paala Balaji	CSM	C	paalabalaji 22_csm@ants.edu.in	A22126552168	8125365300	PYTHON	No			T2403212143378382682375	<a href="https://drive.google.com/uc?export=doc&amp;id=1FndmVVRU6skPleu6XQOG26YZ2HRBj6">https://drive.google.com/uc?export=doc&amp;id=1FndmVVRU6skPleu6XQOG26YZ2HRBj6</a>
3-21-2024 21.51.37	Koduru Deepshikha	CSM	B	kodurudeepshikha 22_csm@ants.edu.in	A22126552088	9959850058	JAVA	No			T2403212148220726974058	<a href="https://drive.google.com/uc?export=doc&amp;id=1LTOVNSm01_KlieVb_wd3m_QFUL1gE">https://drive.google.com/uc?export=doc&amp;id=1LTOVNSm01_KlieVb_wd3m_QFUL1gE</a>
3-21-2024 22.04.13	Nelakurthi Varalakshmi	CSM	C	nelakurthivaralakshmi 22_csm@ants.edu.in	A22126552167	7620278523	C	No				



Timestamp	Name	Year	Branch	Section	EMAIL ID	ROLL NO	PHONE NUMBER	Preferred Coding Language	ESTE Member	Membership Number	Student Membership Card	Transaction ID	Payment Screens
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3-21-2024 22:13:02	Neta Waddi	2	CSM	B	waddineta.22.csm@anits.edu.in	A22126552122	8712300857	PYTHON	No			T2403212206390266776987	<a href="https://drive.google.com/opens?id=1WC_glnb2a2ZKHLN6aKCaJLLAplFv-45fn">https://drive.google.com/opens?id=1WC_glnb2a2ZKHLN6aKCaJLLAplFv-45fn</a>
3-21-2024 22:13:21	C Meghana	2	CSM	C	prindaramegana.22.cs@anits.edu.in	A22126552143	9440326428/C	C	No			12403212213229182349107	<a href="https://drive.google.com/opens?id=1vssWd1ed5UJGHCQm5KKPZjpygkXdl">https://drive.google.com/opens?id=1vssWd1ed5UJGHCQm5KKPZjpygkXdl</a>
3-21-2024 22:21:50	PEDIREDLA SHYAM	2	IT	C	shyamssv999@gmail.com	A22126511166	7386638449	JAVA	No			T2403212217238389043780	<a href="https://drive.google.com/opens?id=1ad1vdsYD9D5aDpG61H1HMASLhP96-1Q3U">https://drive.google.com/opens?id=1ad1vdsYD9D5aDpG61H1HMASLhP96-1Q3U</a>
3-21-2024 22:23:24	B Aishwarya	2	CSM	C	bathulaisishwarya.22.csm@anits.edu.in	A22126552134	9849124493	PYTHON	No			T2403212221535589018315	<a href="https://drive.google.com/opens?id=1XAhuzEwVLDQdITuOHkVjGeHjssf">https://drive.google.com/opens?id=1XAhuzEwVLDQdITuOHkVjGeHjssf</a>
3-21-2024 22:37:02	U. SriniMugdha	2	CSM	C	uppalasrinimugdha.22.csm@anits.edu.in	A22126552181	8639244240	PYTHON	No			T2403212235416121492889	<a href="https://drive.google.com/opens?id=1Oe-cv-wZKcJoiZMxPwOKJPQgghTXaifs">https://drive.google.com/opens?id=1Oe-cv-wZKcJoiZMxPwOKJPQgghTXaifs</a>
3-22-2024 8:08:05	Sai Ram Nookala	3	IT	C	nookalaveeravenkatakirishnasairam.21.it@anits.edu	A21126511179	8074054238	JAVA	YES	76	<a href="https://drive.google.com/opens?id=1Om31-olco16KJLuoVieWngA2ozxst6ln">https://drive.google.com/opens?id=1Om31-olco16KJLuoVieWngA2ozxst6ln</a>		
3-22-2024 8:31:18	Ganyada Rohith	1	CSE	B	ganyadarohith.23.cse@anits.edu.in	A23126510074	6302293711/C	C	No			T2403220830189918639167	<a href="https://drive.google.com/opens?id=1JL_SCO125OvY4hXL56ErGGNsv-42nAQ">https://drive.google.com/opens?id=1JL_SCO125OvY4hXL56ErGGNsv-42nAQ</a>
3-22-2024 8:38:41	Harithus Avgs	3	IT	C	attavilivgnharithus.21.it@anits.edu.in	A21126511139	8309473095	JAVA	YES	000061	<a href="https://drive.google.com/opens?id=1GJNhdidMSJLDq6T5K9GmkFrvMCUY5BH">https://drive.google.com/opens?id=1GJNhdidMSJLDq6T5K9GmkFrvMCUY5BH</a>		
3-22-2024 8:41:06	Mohammad Zabeer	3	-IT	C	mohammadzabeer.21.it@anits.edu.in	A21126511176	7993501898	JAVA	YES	000074	<a href="https://drive.google.com/opens?id=1eNbnAN79TzUMdvqxhDQYJrHTo931gl">https://drive.google.com/opens?id=1eNbnAN79TzUMdvqxhDQYJrHTo931gl</a>		
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Reg. No.	Transection ID	Year	Branch	Section	EMAIL ID	ROLL NO	PHONE NUMBER	Preferred Coding Language	ISTE Member	Membership Number	Student Membership Card	Transaction ID	Payment Screenshot
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3-22-2024 11:41:00		3	EEE	C	pabkivijayarajamour yashashank.22.1e.cce@anis.edu.in	A21126514128	9440157775	PYTHON	YES	AP156000003	<a href="https://drive.google.com/uc?export=download&amp;id=1XSLIz7891vFTIdK97w5VPGfAe6-6Y-2">https://drive.google.com/uc?export=download&amp;id=1XSLIz7891vFTIdK97w5VPGfAe6-6Y-2</a>		
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3-22-2024 11:46:54		3	EEE	C	harshvardhan.kumar.eta@gmail.com	A21126514129	8790598342	PYTHON	YES	000005	<a href="https://drive.google.com/uc?export=download&amp;id=1CAL_A3SNwplROQvmsYauSF95zE41s1dql">https://drive.google.com/uc?export=download&amp;id=1CAL_A3SNwplROQvmsYauSF95zE41s1dql</a>		
3-22-2024 11:48:37		3	EEE	C	harmanthalakshman arao.22.1e.cce@anis.edu.in	A21126514151	9491813490	PYTHON	YES	AP156 000008	<a href="https://drive.google.com/uc?export=download&amp;id=1O1Pjd3sm35-">https://drive.google.com/uc?export=download&amp;id=1O1Pjd3sm35-</a>		
3-22-2024 11:56:51		1	CSE	B	suryaavishal26@gmail.com	A23126510113	7396871530	C	No		<a href="https://drive.google.com/uc?export=download&amp;id=1BNUEfEKWLVshu1cv16l">https://drive.google.com/uc?export=download&amp;id=1BNUEfEKWLVshu1cv16l</a>		
3-22-2024 12:34:59		3	IT	C	Yashrajgupta@anis.edu.in	A21126511195	8919678906	JAVA	No		<a href="https://drive.google.com/uc?export=download&amp;id=1KwvL3w2_AEg_PV3qTbV7K9w8XmX0g">https://drive.google.com/uc?export=download&amp;id=1KwvL3w2_AEg_PV3qTbV7K9w8XmX0g</a>		
3-22-2024 12:55:44		3	IT	C	daragajiseecharan.21.it@anis.edu.in	A21126511153	9110751848	JAVA	No		<a href="https://drive.google.com/uc?export=download&amp;id=1KwvL3w2_AEg_PV3qTbV7K9w8XmX0g">https://drive.google.com/uc?export=download&amp;id=1KwvL3w2_AEg_PV3qTbV7K9w8XmX0g</a>		



3-22-2024 10:27

Timestamp	Name	Year	Branch	Section	EMAIL	ROLL NO	PHONE NUMBER	Preferred Coding Language	ISTE Member	Membership Number	Student Membership Card	Transaction ID	Payment
3-22-2024 12:58:27	Kesnakurthy Tejesh Sai Manikanta	3	CSM	B	kesnakurthytejeshsai@gmail.com	A2212652086	9866876288	JAVA	No			T2403221255285009756151	https://drive.google.com/open?id=1oMSSYzb9A5XfoG84R8aNOreUjwT7Zapee_I
3-22-2024 13:09:50	Randhi Pavan	3	IT	C	randhipavansantyanarayana.21.it@anits.edu.in	A21126511182	8688147853	PYTHON	No			123456789	https://drive.google.com/open?id=1hh8OVtJBKIGZ1PnZEePSJXTmez-F7XI
3-22-2024 13:11:16	Poojitha Poojitha	1	CSE	C	poojithapoojitha.poojitha.23.cse@anits.edu.in	A23126510171	939236765	C	No			5.41685E+14	https://drive.google.com/open?id=18Ccl75WZ0H1A3Gp9H59cL9cr3MF7E5
3-22-2024 13:11:55	K. Subhan	1	CSE	D	subhan.k@anits.edu.in	A23126510138	8121510015	C	No			Cash	
3-22-2024 13:12:10	ADIREDDY KIRAN SAI	1	CSE	C	adireddykiransai@gmail.com	A23126510128	8523858860	C	No			T2403221310497118397384	
3-22-2024 13:12:25	Harsha Vardhan Pentakota	3	IT	B	harshavardhan.pentakota19@gmail.com	A21126511116	7416784287	C++	No			4.4480E+11	https://drive.google.com/open?id=1SUIuAO5DN9Bkz8rv7M69LD6gOMKGOA89
3-22-2024 13:14:07	K. durga eswar	1	CSE	C	kdurgaeswar@gmail.com	A23126510147	09392218390	C	No			Cash	
3-22-2024 13:14:08	K. Manohar	1	CSE	C	kojiladamanohar.23.cse@anits.edu.in	A23126510154	7013072977	C	No			4.4488E+11	https://drive.google.com/open?id=1f6L6Z10UZGeh_AifcLIDva0V9xhmN
3-22-2024 13:14:18	Peetala Shashank	3	IT	C	peetalaashashankyandav.21.it@anits.edu.in	A21126511180	7893405981	JAVA	No			123446789	https://drive.google.com/open?id=16NocJ1U2NLr9U52Ug_0kC9bv57z4wq2
3-22-2024 13:15:12	Karthick balaga	1	CSE	C	balagakarthick.23.cse@anits.edu.in	A213126510132	8328471814	C	No			Cash	
3-22-2024 13:18:24	Kundum Nagadeepak	3	IT	C	kundurnagadeepak@gmail.com	A21116511167	9704559242	JAVA	No			Cash	https://drive.google.com/open?id=1LlpFz0iHrNgUz9y9y6MfzW818YZI
3-22-2024 13:21:17	K. Sneha Latha	3	CSE	A	killsnehalatha.21.cse@anits.edu.in	A21126510029	9391088169	JAVA	No			T2403221320263197107153	https://drive.google.com/open?id=1Uqm6JHyms7ZamuOqHCmWYJubG0uMEituvK

