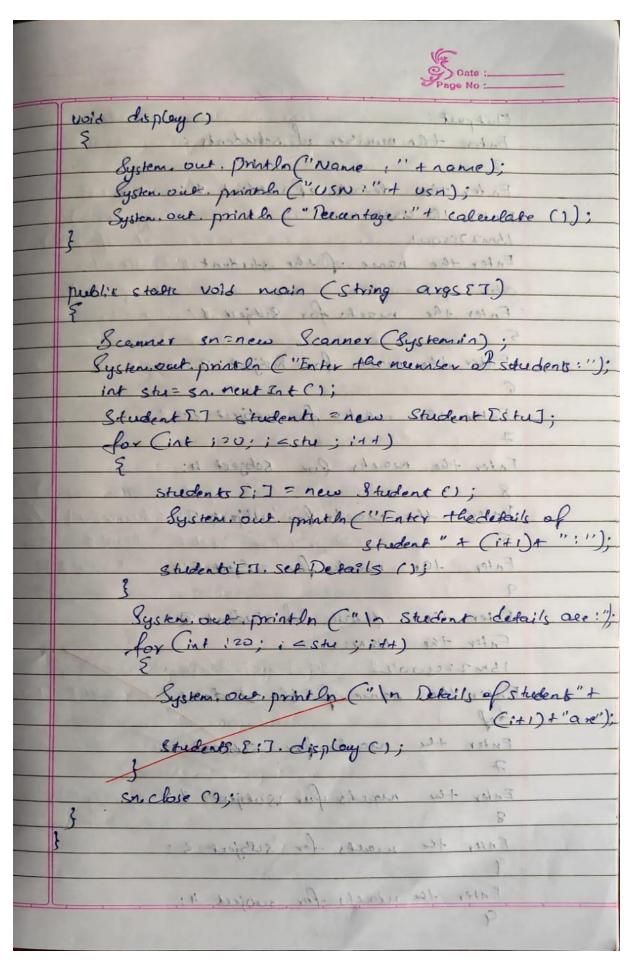
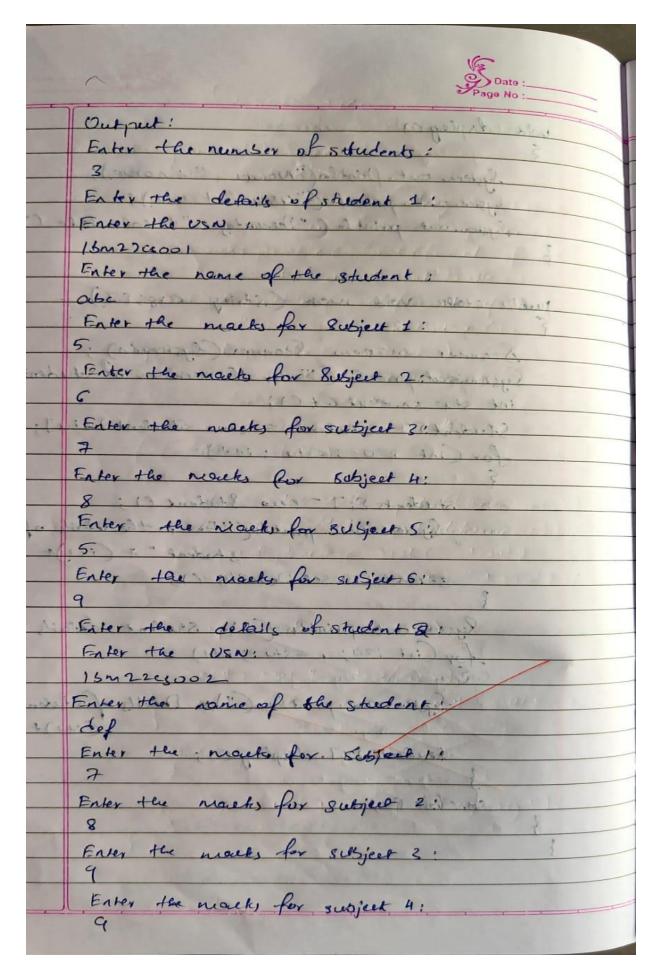


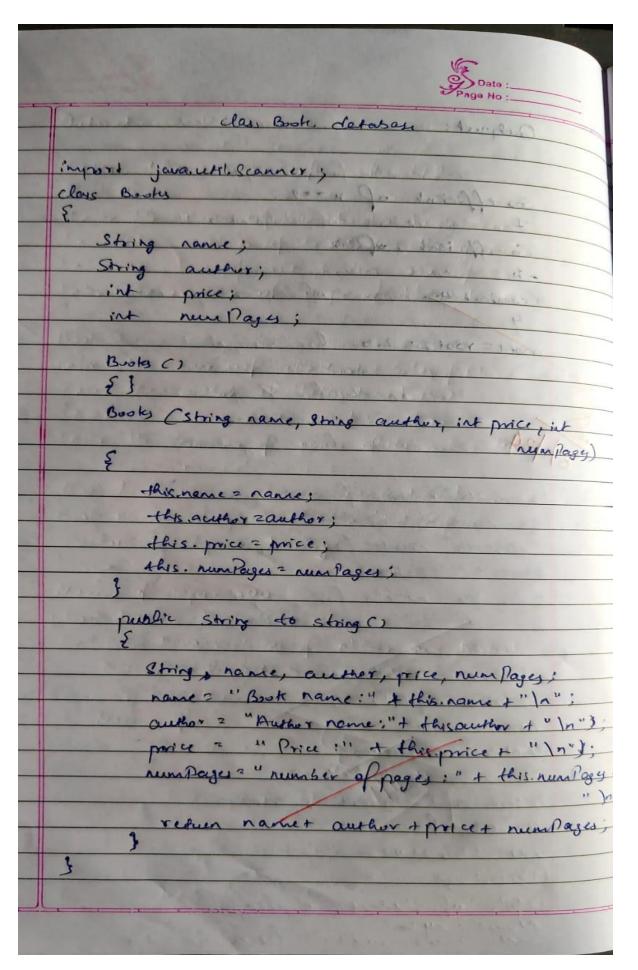
Date :
x= -5/(2*a);
Systemat. printly ("The roots are real and equal:"
The state waster & shower than a second
2 Ances
3 Representative
class Organ & Comment
public state wild main (String angser) {
Quad q = New Quad ();
92 input ();
Enlarge Alalla
(2) 12 31 108 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 10
Tor Adoled
23 Albert Co. 20 g. co. 30 January Acord
& Output:
Enter hirst coethiclents
5. tox 10 1 10 10 10 10 10 10 10 10 10 10 10 1
Enter gewand coefficient.
Enter 3rd : Coefficient
Carried Culter Examine in
( Sur round frage ( and )
Phoots du seel and requel ! -1.
with was allowed Color was the of the

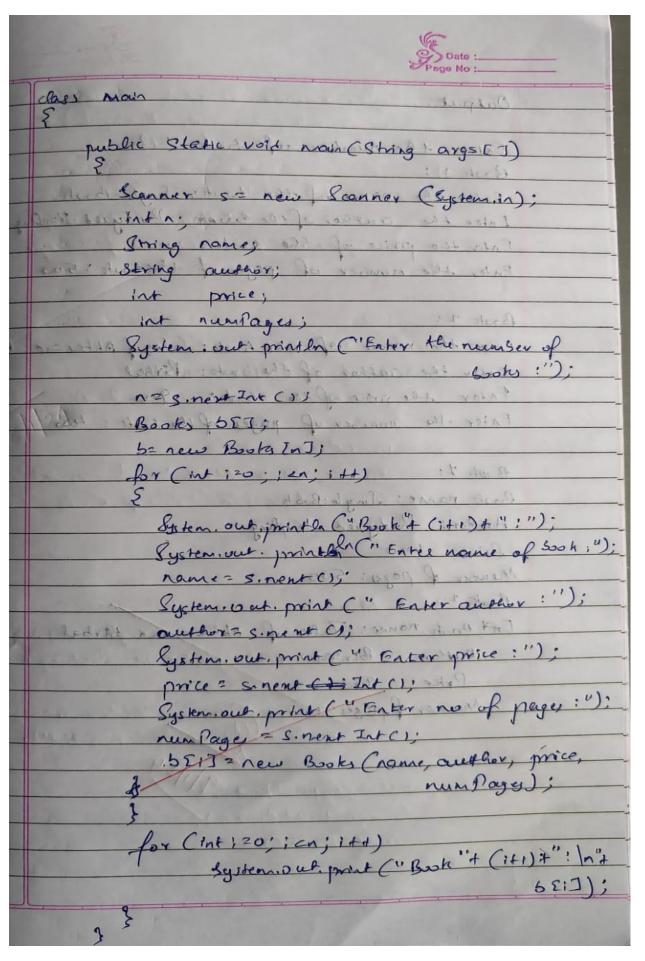
Student
The state of the s
is a stell Scooner;
class student
E Coss Sucret
C11.0 nano 101n'
int marks [] = new int [6];
Scanner sn= new Scanner ( System :1);
Scarner Street
wid setmants () {
for Cint 120; : enceke length; itt) &
System, out printle ("Enter the masty for Subject"
+ (H1)+":"
nacks E: ] = Sn. next Int ();
3 man april 10 12 marens
1
wid set Defails ()
\{\begin{align*} 2
System. out grintle ('Enter the USN:");
unzennent ();
System. out. printly ("Friter the name of the studenti"
name = sninent ();
Cet Macks (); (ma per of) per on)
3
das any dale
double calculate ()
& Comment of the state of the s
int sum = 0;
for (int := 0; 1 < 6; itt)
\$
Sum = sum + malty Ei];
3
}

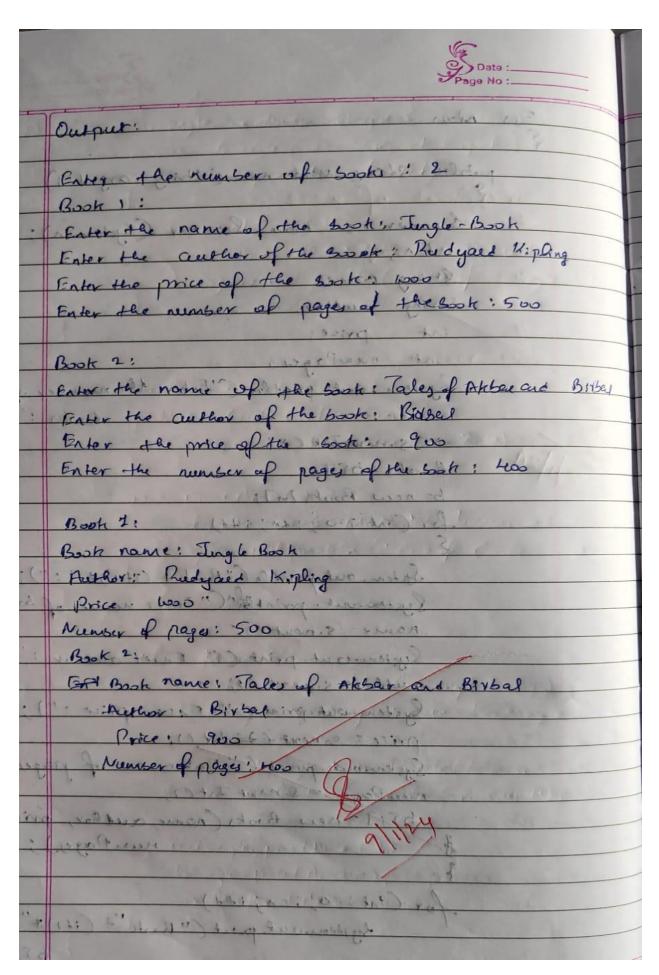




(1242) 200, 1900
Enter the marks for studiousject 5:
EG YAMADA . L'AS, OUS ACOUNT
Enter the macks for subject 6!
or some with hora liev when the
Enter the details of student 3!
Enter the USN!
15m 22cc 003
Enter the name of the student:
nyz 10 oduca sugar - d alde de
Enter the mooks for Rusject 1:
Sound Consequent of the
Enter the marks for Subject 2:
2. 1 = 224 - G15 = 1 = 1 = 200 - 1 = 1 = 1 = 1
Enter ten næks for Subject 3:
7
Enter the marks for Subject 400
Taker The many for sugar
Enter the north for Subject 5:
· 8 hoor s 11 : 0 hoor
Enter the marks for Subject 6'
8 (0== transmetal of ) fi esse
Sould a series of the series
Student détails ale
Details of student 1 ale:
Name! alsa
UN. 15m 22 er 00 t
Recentage: 6.6662
Details of Student 2 ace!
Name: deft
USW: 15m 2200 L
Percentage: 7.5
Details of student & ale:
Name: my 2 USN: 16m 2 LC1003 Percentage: 7.45
OST ( 16th 1 Logod)   lector of the







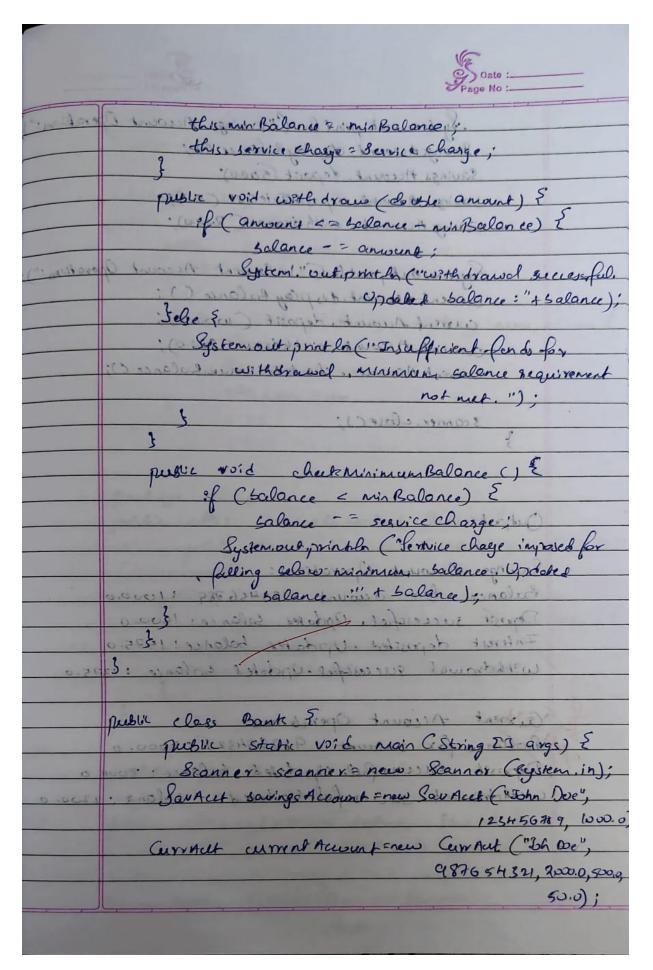
and American Constant
" Joseph for and" LABAH Horange
Develop a jour prougram that finds area of
terangle, restengte and circle
o' free
abstract class shape Ender advis not
ante had a table a fall a
profeshed int dinensions;
protected into dimension 2;
public Shape (int dimension1, int dimension2) {
mb = 5 miles with 19. sethir. dimensional Edimension 18
2 this dimension 2 & dimension 2;
1
2 alestrant void print Area ();
public clear phain?
class The bongle entends Shape &
public Kenlangle (int long th, int width) &
super (Strogth, width);
Triangle Evicagle mans Triangle (Basers, he gold
( Wind woid print Area ( ) Es Di
int areaz dimension 1 " dimension 2;
System outprint ("Area of Revengle:"+
( ) profit de des);
Circle print three co: \$
3

	-	Page No :
	class	Triangle extends Shape {
		public Triangle (int base, int height) }
		super (sore, height);
	1	
	2.10	void printArea () {
	Laber	Souble alea = 0.5 * dimension 1 *dinonpa2;
		System out. printle ("Avea of Triangle:"+ grey.
-	9	
	5	
	Class	Circle entends Shape &
		public linke (int radius) ?
		1 Septer (radices, dimension 2:0)
,		5
3115	LA SUIT	void print Area () &
		double area = Math. PI * dimension 1 * dimension's
		System out printeln ("Area of Circle;"+ area);
	3	pastrait unit printeria co:
		1 Anna 500
	public	cles main {
	100	public static void main (String EJ ang) ?
(34		Pertangle Tectangle = new Rectangle lingth is,
		· (21
	130	Triangle briangle = new Triangle (base: 3, height: 8)
		Circle circle new Girle (nadjus:4);
1 3	11.	by telegraph = and in
1)-10	Pere	rectangle print thea. (1):
10		trongle, print Area ();
		circle, print Area ();
	,	<i>i</i>
	}	
-		

		Page No :	
	Output:		0
	Area of Reedengle: 50 Area of Triangle: 12.0 Area of Circle: 50.26548		
	Area of Triangle: 12.0		
	prea of Circle: 50. 26548		
1			
1000			
7 1 1			

	Bounk Program Soate:
Jaked .	Emport java cetil. Scanner;
3-1000	class Account &
	String customeraque; long account Nember;
	string always to a !
	the survey of th
. Livery	public - Account (8 tring of general 0
	E String account 1972, Colore Salone)
400	this customer Name = customer Name;
	this. account Type = account Type:
	this balance = balance;
	Public void deposit (Souble amount) ?
. 10	Systemout printly ("Balaines successfiel, uplake
( ,,,0	Salane: + balance);
wine i by	public void diplay Balance () {
	System out. print la ("Rollinge for account "+  account Number + ": "+
	mass (+ inter to Home and Salance);
-	public void deposit Interest (Souble rate) {
	il ( " carinec", equals ( allower 1912)
on town and	double interest := sqlance ( conf ( con)
-	O LA TOTEVELE CELLICITE.
(mais	Jelse { updated talance!"+salance);

Page No :
System well printle ("Takerest Sepasike Up back)
5 clare ("it solare);
3 tained ad.
Stony advantant;
Constant the services
public void with draw (double amount) {
if (amount <= b alance) {
Salance = = amount;
Systemout, print la ("W:th braws successful.  Optione Salance: "+ balance)
Selse {
Systemoul printly ("Insufficient fends for
Systemous printle ("Insufficient fonds for with drows al.");
this count Type = anous Tune:
1 de palence e palence 1
3 (Amono itilia) Diagra Sev Marie
class SaveAcek extends Account ?
public Saurcit (String customernane, long account Newber,
double balance) ?
seper customer Name, august Minser, "Sowings, Salera);
2 2 2 2000 diployed they willing
to the second of the print of the way of the
class Curracet extends Account &
double win Balance;
Couble : Service Charge; him it
of the state of the state of the
public CurrAct Citing customer Nome, long account Number
Bruste Boilance, Double min Balance, South
Service Chaye) &
Super Coustomer Name, account Member, "Current"
salance);



System out println ("Savings Account Operations!").
Sewing Account. By Cay balance ();
Coulos Account, exposis 1000
savings A wint deposit Interest (5.0);
Sowing Accounts with draws (2000);
1000000 0000000000000000000000000000000
System out moth ("In Current Account Operations:");
Current Account, display balance ();
current Accounts, deposit (1000, 0);
ment A ceount withdraw (800,0);
current Account, check Minimum Balance ();
1. 1" Aun tan
scanner.close();
5
gretie 4018 charterining and Bolone of
: ( Colonce & min Rollone) E
Outret to Do marson
I have speak a mered! All aire que many
Savings Account Operations:
Balance do v account 123456769 31000,0
Deposit successfiel, Opdated Lalance; 1500,0
Interest deposited, Updates balance: 1575.0
Withdrawal successful - Updated Solance: 1375.0
Carrient Account Operations
Moderne for ansunt 19876.54321 :19000.0
Deposit success feel. On do pole : 5 alance: 3000.0
costadiand successful. Updated scalana: 2200.0
1 98024281
" and sol" I have now a come of the course the course of t

	Lab-6 Date :
	Sylve Congresse, confi
1	Parkage s : 2000 most sessones sells
	3
	package (IE;
	public class student {
	public strings us, name il was against
	public int sen; hours. Its trees
	impact crs. soleney;
	public Student (String wan string name, int sem) &
	this wan = cun;
	this name = name; was your side
5	1 1200 outhis sem stem; we also
- 1	double : de 17 - 2 42 44 million sta
- 1	Luber minul ?? - 800, 87, 65, 48 [43]
6.70	parkage est ; tarte and to taking
214	public class Internals entends duding &
: (1	public double [] internal Marky = new Southels];
1	Potences of the new trained of the 100 cerson, the
1 (0	public Internals (String usn, String name, int son,
	Couste [ ] internal mack, ) {
130.15	super (cum name, engern)
	this inheralmacty = internal macks;
	Section or mark ( * Truncle andels")
-	for the course of
17.5) 7	Epinout. prith Chalunce with
	partage st F; Manda. 11 h 1"
	improet (IF. Student;
	justic class fictation entends Scholant &
	pusher double [7 see Marks = new double [5];
4 (19.3	Survey of the format was
For	public External (String usa, String name, int sem,
	double ( ) see mails ) {

Page No :-Syper ( usn, name, sem); this geemany = Seemanks; parkage result; Empost CIE. Student ; imposet CIE. Internaly; import SEE. Enternal; public class result & public elestric wid main (String args []) {
 double internal [] = {43,45,40,44,413; double enternals [] = {90,87,85,98,43}; Student st=new student ("Ignneza wo" "use, ?); Internals \$1= new Internal s ("1Bm 22 cs 150" " ose", 3, External of 2 new Enternel ("Hom 22cs 150", 3050" 3, System art printer ("USN: "+ struss + "name:" +51, name+ Assert Langita - the start - "Sens." H & g. sens); System aut, muth (" Typenals marks"); for (int :20; ; 65; i+H) } Systemout. printly ("Lateral macks" + (+1) -"I" + il. nternal maches [: ]); System. aut, muther ("Enternal mark"); \$ Bi ( ht 120; 1 6 5) 314) } Dysten out mutter (" Enkined marks" + (iti) +"it servery of the second to second to the second to the thought of the

Page No:
Output:
USW! IRM22cg150 name: just sem!3
Interal marks.
Internal mark, 1, 43
2:45
3:47
4: 44
5: 47 13A60 (18)
private intage;
Enteral Mocks:
Butchel molks 1: 90
) you grand was word 2: 87
5:65
4 98
43
1 Lette to the subduce
Tester Oge

Lab-7 Father Son exception wronginge entends . Exception & class public : wrong my () ? siper ("Age cannot be regative") class father & private int age; preblic Father (int age) throws wrong Age? if (age 40) & throw new wrong nge (); this, age = age ; public int get Age () { return age; class son entends Father ? private int contige; public son (int talkertige, int sontge) through (wrong Age; Illegal Argument Exception? Super (father Age); if (son Age > = FatherAge throw now Illegath squarent Excepted "sor's age must se les Flor father's); this, sorage = sorage; publicint get Songe () { public state void main retur STAAge;

	Soate :
	public class Freeption Handling Inherstance ?
	Aublic eletis well and Cetrine arg []) {
+	public class Freeption Handling Inherstance & public static void main (Phring arg []) { try {
	Free Esta Sala (a 1'50)
ile ")	Father Father = new Father (age: 50);
A TOTAL TOTAL	Son son = new son (fatherage: 50,
1000	Sontage: 25);
	System, out prinke ('Falle Yage; "+ Pather, gettight
	Cystem at printle ("Bris age:" + Songet Sontge ())
Agel	catch (corongage e) {
	Geren out. println ("Exception:" + e.gesmessage"
	I sound I would
	Catch (Illean & Argunson + Exception e) &
	System. out, printly ("Exception " + (, get Message(1)),
. [	2 grant summer than the stage It,
(Carried	1 man de la
100	
3 1	a material relation of the second
	Of Continue to the same
	Output:
	1
	Father's age 50
	Son's age 25
5	
1	Complete the Along & .
3 (124	public state wat man Eling
pale 1	Diplay Mestage Alexant mes
( .oo.	MA .
	Charge that toward with English
	- Constant
300 000	Descript three Deploy Recogn
	( ( at ) surely to 10 "
	Alexander Charles I de la constitución de la consti
	) of the or a second

Lab - 8 Program Thread class Displaymessage extends Threat { private string mescage, private interval; public Display Message (chrire mescage, int interval) this message = message; this interval = interval i nusero void oun () { while (true) { Egiten out printen (megage); Threat. sleep ( interval + 6000); catch (Interapples Exception e) { e.print Stack Trace (); class Main & public static with main (String agents)? Display Message thread 1= new Display (Message: " tome college of Engineering", interval 110); DisplayMessage + Great 22 New Display Message (nessage: "(SE" interval :2); thread 1, start () ; thread 2. Start ();

	Date :
Output	Legisland Can
Cg E	
Brus	college of Engineering
CSE CSE	ingrat our large hours
CSE	3 4 4 4 5
Brus C	ollege of Engineering
CSE	(3 torqui bless
CSE CSE	0
Bry	Colland A Facolina S
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Land Maria	Systement mindle ["Epty
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	deuble 1 = 616 - 1470 + 1
	5 (ox p) gs