12-12-23 1) Write a peogean to print "Hello World" import, java, util, \*; public static void main (String aggs[]) 3 System out printly ("hello world") output: hello ivoldes nation and it is then ordered Write a program at find the area of a rectargle using parseInt () class area f public static void main (String age []). int length, breadth; length = Integer. pareceInt (args[0]); breadth = Integer. passeInt (args (1)); int area = length \* breadth; System out printle ("lugth of rectargle - "+ leigth); System out printle ("breadth of rectangle = " + breadth ); System. out printly ( area of rectargle = "+ area); Output: length of extragle = 10 breadth of rectargle = 8 acea of restargle = 80

Sunt 12 and line I have

3	Weite a program to show example of granner
	I - I A Company of the Francisco Company of the Com
	class scanner (
	aublic static roid mais (String args [])
	class ecanner !  public static roid mais (String args [])
	int a; float b; String s;
	Scanner in = new Scanner (System in);
	System out println ("exter a string: 1?)
	something ():
	System out println ("you entered staing"+s); System out println ("enter an integer");
	System out printly (" exter as integer ");
	a=in neartInt():
1 LARRING	System out printly ("you extered integer" +a);
	System out printly ("enter a float");
	b= in rest Floot 6); next? ) sinon him itale ilden
	System out printly ("you attered float "+b);
	I longth = Inters passe Intlances (0)
	3 ([1]) Egra) to Terror const = dibord [1]
	: Albaran * thought = sorn to F
	Output: exter a string: java
	you extered string java 1
	Losso exter anginteger 100' alting turnater
	you entered integer 100
	erter a float 78.6
	yourtered florit 78.6
4)	Write a program to beautiful the weeks of
	ani party (
	public etati
	int month days [] = {31, 28, 31, 36, 31, 30, 31, 38, 30, 31, 3
	int month days [] = {31, 28, 31, 36, 31, 30, 31, 38, 30, 31, 3
ta part page 1	output: April has 31 dans

```
Write a peogean to find the factorial of a given number
 Jass factorial {
  public static roid main (String ags (7)
     int fac = 1;
     System out paintle ("Enter a number: ");
     Scanner Sc = new Scanner (System is)
     int n = sc. nextInt ();
     for (int i=1; i<=n; i++) {
 System out printle ("The factorial: +fac);
  Output: letter a number: 5 had at making in
          the factorial: 120: * (the own league
Weite a program to check if it is a polindrome
 import java util Seanner; no 2 samue and
 class i palindrome as a ser = set 22 min = 2
    public static woid main (String args [])
         int n, t sem ser = 0;
         Scarner &c = new Scanner (System is);
         System out prith ('exter a 5 digit number: ");
        n = sc next Int ();
        t=n;
        while (t>0)
        Freeze 18 mun tol 7 3 st. 4
               rem = t/10; Naic 12 man
               ren = sev * 10 + sem;
               t = t/10;
```

	Page
	if (sev = = n)
	5 ystem out. println ('palindromo');
	3
	else
	for a contract the subject of
	System out println ("not palindrome");
	I have been a second to the second of the se
	}
5.	}
	output: ester a 5 digit number: 12321
	palindrome
\	
7)	Write a program to find the sum of 5 digits
	import java util *
	class digits of public static roid main (String args[]) {
7 14	long number, sum;
	Scarnes sc = new Scanner (System in):
	System out println (" Enter a 5-digit number:"
	number = sc next Long ();
	for (sum = 0; number != 0; number = number /16
	sum = sum + number 1/10;
	Seamed to a now I want Suntage
	System out paintly ("sum of digits: "+sum)
	2 3
	J. Company of the com
	5.4. 7 - (3.4.1) (1.4.1)
	Output: Enter a 5-digit number: 12345
	Sum of digits: 15:

	And the state of t
	else if (d>0)
	The could start fact material of the
	21=((-b) + (math sqrt (d))) / (double) (2* a);
	a > - ((-b) ( rath sast (d))) / (double) (2*a).
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	System out. paintln ("Root1 = "+ 21 + "Root 2 - " tell
	3 2 mars
	elge if (d<0)
	System out, printly ("Roots are imaginary");
	$x_1 = (-b)/(2*a);$
	2 = Math sqrt (-d) / (2*a);
	System. out. peintln ("Root 1 = "+21+"+1"+1"+2);
	System. out. println ("Root 2 = "+r 1 + "-i" +82);
	3 Contraction and
1	3 interfered
	3 (Otariana)
	class Quadratic Mais
	E Chitegores lain
<u> </u>	public static void mais (Staing args[])
-	(0==0) slide
	Quadratic q = new Quadratic ();
F	q. getd() in him ten mine
	q, compute (); minime ten miss.
	System out printly ("1BM22C5215 Rahul N Raju")
	Output:
<u> </u>	enter the coefficients of a, b, c
	1
	roots are real and equal
	2001 = 2001 2 = -1:0

ii	exter the coefficients of a, b, c
	2 4 5
	eoots are imaginary
	200t1= -1.0+i1.224744871391589
	20012 = -1.0-i 1.224744871391589

iii) ester the coefficients of a, b, c

roots are real and distinct root 1 = -0.2679491924311228 root 2 = -3.732050807568877

1BM22CS215 Rahul N Raju