Jova Program to print on integer Entered by the user Algorithm: Step 1: Start Step 2: Import jova. util. Scanner
Algorithm: Step 1: Stort Step 2: Import jova. util. Scanner
Step 1: Start Step 2: Import jova. util. Scanner
Step 1: Start Step 2: Import jova. util. Scanner
Step 2: Import jova. util. Scanner
Step 3: Pake input from the user/create reader insta
Step 4: Point Enter a number
Step 5: Read the number entered by user
Step 6: Point the entered number
- Step 7". Stop
flowchart:
(Stort)
Proint Enter a number
Take Input from user
Print The Entered number
(Stop)

Code:	
import	java. util: Scanner:
oublic	class Hellowlood
S	
	public Static void moin (String [] orgs).
	a de la companya de l
	Sconner. Sc = new Sconner (System. in);
	System. out. pointin ("Enter a number: ")
	int number = Sc. nextInt();
	System. out. print ("You entered: "+ number);
	²
4	
Outout:	
A	00
Akshora	
1BM22C	3029
Enteu o	Number 29.
You a	enterod: 29

```
C:\Users\bmsce\Desktop\1bm22cs029>javac HelloWorld.java
C:\Users\bmsce\Desktop\1bm22cs029>java HelloWorld
Akshara Singa
1BM22CS029
Enter a number29
You entered: 29
```

2) Java program to check whether a number is even or odd
Algorithm
Step 1: Start
Step 2: Print enter a number
Step 3: Take input from user and store in variable rum
Step 4: Check if num % 2 gives remainder o
Step 5: If true print number is even and goto
Step 7 else goto Step 6
Step 6: Polint number is odd
Step 7: Stop
Flowchast
Stort
Proint Enter a number
Initialize num
2 induce 100 in
Read input from user
/ Read in your osor
False fort num 80 paral /
num 1/2 talse point nem 85 odd
True
/Proint num is even
(Stop)

The subgroup of the subgroup o
Code
Emport jova util . Scanner;
public class Java Extomple
\$
public static void moin (Storng [] orgs)
int num;
System. out. print ("Enter on Integer number
Sconner Sc = new Sconner (System. in);
num = Sc. nextInt();
if (num % 2 = = 0)
System. out. printer (num + " is an even no
else Suctions 1 016
System. out. point (rum + "is an odd number")
3
Outout:
Aksh Akshora Singa
18M22C5029
and the state of t
Enter on Integer number: 29
29 9s on odd number

C:\Users\bmsce\Desktop\1bm22cs029>javac JavaExample.java C:\Users\bmsce\Desktop\1bm22cs029>java JavaExample Akshara Singa 1BM22CS029 Enter an Integer number: 29 29 is an odd number.

3) Java program to print right triangled star pattern
with eight rows
Algorithm
Step 1: Start
Step 2: Initialize vous columnoand numberatrous = 8
Step 3: for now less than number of rows increase
step 3. for row ass mon reambourges of step 6
Step 4: for column less than number of rows increase
column by one else goto step 3 and print new
Step 5: Print *
Step 6: Stop
Out Flowchost
(Start)
Initialize row, col, no. ofrows = 8
for row=0; row2 noofrows: rows-+
Troue
(for col=0; col Lrow; col++ folse
True
Print *
point "n"
(Stop)

code will elimin be to public class Right Topangle public static void main (String [] args) int row, column, number of rows = 8: for (now = 0; now < number of rows; now+) for (column =0; column < noof row; column++) System.out.print ("x"); System. out. position (); Output × *

```
C:\Users\bmsce\Desktop\1bm22cs029>javac RightTriangle.java
C:\Users\bmsce\Desktop\1bm22cs029>java RightTriangle
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```

4) Java program to find quotient and remainder
of 15 and 2
Al- another
Algorithm
Step 1: Start
Step 2: Initialize num 1= 15 and num 2=2
Step 3: Set quotient = num 1/num 2
Step 4: Set remainder z num 1 % num 2
Step 5: Point quotient and remainder
Step 6: Stop
Flowchost
(Start)
Instialize rum 1 = 15, rum 2 = 2
Initialize quotient = num 1/num 2
Inflatize remainder = nomi forum?
The contract of the state of 1811, 701 1811, 701 1811, 701
Pront quotient and remainder
V
(Stop)

Code
public class Quotient And Remainder
Ş
public Static void main (String [] avgs).
înt num 1 = 15, num 2 = 2;
înt quotient = num 1/num 2;
Int remainder = num! % num2;
System out pointln ("Quotient is: "+ quotient);
System out pointly ("Remainder is: "+ remander)
2 Partitions partition Remainders + remainders
3
Output
Quotient is: 7
Remainder is:
•

C:\Users\bmsce\Desktop\1bm22cs029>javac QuotientAndRemainder.java C:\Users\bmsce\Desktop\1bm22cs029>java QuotientAndRemainder Ouotient is: 7 Remainder is: 1

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5) Java Program to multiply two numbers
Algorithm
Step 1: Start
Step 2: Point Enter forst number
Step 3: Set entered number to num!
Step 4: Point Entered second number
Step 5: Set entered number to num 2
Step 6: Calculate ~ product = num 1* num 2
Step 7: Print product
Step 8: Stop
Apwchast
(Stort)
Print Enter first number
Initialize rum 1, rum 2, product
↓
Read num 1 from user
Print Enter Second number
Read raim 2 from user
Set Product = num = num =
Print product
(Stop)

Code
import fava. util. Scanner;
public class Multiplication
S .
Public Static void main (String [] crogs)
Sconney Sc = new Scanney (System in);
System. out. println("Enter first number:");
int num 1 = Sc. nextInt();
System out. pointln ("Friter second number:");
int num 2 = Sc. next Int();
Sc. close(); int product = num1 * num2;
System. out. pointln (output: " + product):
2 + product);
3
Dutput
Enter first number:
Enter Consol
Enter Second number:
Output: 6
The state of the s

```
C:\Users\bmsce\Desktop\1bm22cs029>javac Multiplication.java
C:\Users\bmsce\Desktop\1bm22cs029>java Multiplication
Enter first number:
Enter second number:
Output: 6
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```

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6) swap the floating point numbers 1.2 and 2.45 using
a temproary vasilable
Algorithm
Step 1: Start
Step 2: Initialize num 1 = 1.2, num 2 = 2.45, temp
Step 3 : Settemp = num 1
Step 4 : Set num 1 = num 2
Step 5: Set num2 = temp num+ and then num+ = temp
Step 6: Print num 1 and num 2
Step 7 ° Stop
Flowchort
Stort)
A CONTRACTOR OF THE PROPERTY O
Initialize rum 1=1.02, rum 2=2.45, temp
Set temp = numi
Set num; = num2
Set num2 = temp
Port num and num 2
Town the second
(Stop)
JTU!

Code
public doss Swopnumbers
public static void moin (String[] args)
Hout first = 1.20f, second = 2.45f;
System. out. println (" Before Swap ").
System. Out. printer ("First number 2" + first).
System. out. println ("Second number = "+ sand
float temproary = first;
Sustem out month (" Alrey Gran - ")"
System. Out. println (" After Swap");
System, out, println ("Firstnumberz" + first)
System. out. prontin ("second number = "+second,
3
owput
= Before 3100p
First number 21.2
Second number 22.45
After Swop
florst number = 2.45
Second number = 1.2

```
C:\Users\bmsce\Desktop\1bm22cs029>javac SwapNumbers.java
C:\Users\bmsce\Desktop\1bm22cs029>java SwapNumbers
--Before swap--
First number= 1.2
Second number= 2.45
--After swap--
```

First number = 2.45

Second number= 1.2

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