Qu 7. Write a menu driven program for calculator using Java Language. Menu Details are mentioned below :-

1. Addition

2. Substraction

3. Multiplication

4. Division

5. Percentage

6. Exit

Program:

package collection;

import java.util.Scanner;

public class Calculator {

public static void main(String arg[]){

String inp,i;

double n1,n2,result;

System.out.println("-------------Calculator-------------");

Scanner in=new Scanner(System.in);

do{

System.out.println("Operator: ");

System.out.println("Addition: + ");

System.out.println("Subtraction: - ");

System.out.println("Multiplion: \* ");

System.out.println("Division: / ");

System.out.println("Percentage: % eneter 2nd operand as 0 ");

System.out.println("Enter two operand ");

n1 = in.nextInt();

n2 = in.nextInt();

System.out.println("Enter Operator");

inp = in.next();

switch(inp){

case "+":

result = n1+n2;

System.out.println("result : "+result);

break;

case "-":

result = n1-n2;

System.out.println("result : "+result);

break;

case "\*":

result = n1\*n2;

System.out.println("result : "+result);

break;

case "/":

result = n1/n2;

System.out.println("result : "+result);

break;

case "%":

result = n1/100;

System.out.println("result : "+result);

break;

default:

System.out.println("press any operator for perform operation");

}

System.out.println("do u want to continue(Y/N)");

i = in.next();

}while(i.equals("Y"));

}

}

Output:

run:

-------------Calculator-------------

Operator:

Addition: +

Subtraction: -

Multiplion: \*

Division: /

Percentage: % eneter 2nd operand as 0

Enter two operand

2050

720

Enter Operator

+

result : 2770.0

do u want to continue(Y/N)

Y

Operator:

Addition: +

Subtraction: -

Multiplion: \*

Division: /

Percentage: % eneter 2nd operand as 0

Enter two operand

60

0

Enter Operator

%

result : 0.6

do u want to continue(Y/N)

Y

Operator:

Addition: +

Subtraction: -

Multiplion: \*

Division: /

Percentage: % eneter 2nd operand as 0

Enter two operand

10500

500

Enter Operator

-

result : 10000.0

do u want to continue(Y/N)

Y

Operator:

Addition: +

Subtraction: -

Multiplion: \*

Division: /

Percentage: % eneter 2nd operand as 0

Enter two operand

1825

5

Enter Operator

/

result : 365.0

do u want to continue(Y/N)

N

BUILD SUCCESSFUL (total time: 1 minute 32 seconds)