import java.util.Scanner;

class FC

{

public static void main(String arg[])

{

double f,c;

Scanner sc=new Scanner(System.in);

System.out.println("Choose type of conversion \n 1.Fahrenheit to Celsius \n 2.Celsius to Fahrenheit");

int ch=sc.nextInt();

switch(ch)

{

case 1: System.out.println("Enter Fahrenheit temperature");

f=sc.nextDouble();

c=(f-32)\*5/9;

System.out.println("Celsius temperature is = "+c);

break;

case 2: System.out.println("Enter Celsius temperature");

c=sc.nextDouble();

f=((9\*c)/5)+32;

System.out.println("Fahrenheit temperature is = "+f);

break;

default: System.out.println("please choose valid choice");

}

}

}