1. Write a program to enter temperature in Celsius and convert into Fahrenheit.

import java.util.Scanner;

public class temp

{

public static void main(String[]args)

{

Scanner sc = new Scanner(System.in);

System.out.println("enter the temperature in celsius");

int c = sc.nextInt();

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

System.out.println("The Fahrenheit value is : " +f);

}

}

1. Write a program to enter length and breadth of the rectangle and show the perimeter.

import java.util.Scanner;

public class rectangle

{

public void area(int a, int b)

{

int c = a\*b;

System.out.println("The area of the rectangle is :" +c);

}

public void perimeter(int L, int B)

{

int d = 2 \* (L+B);

System.out.println("The perimeter of the rectangle is :" +d);

}

public static void main(String[]args)

{

Scanner sc = new Scanner(System.in);

System.out.println("enter the length : ");

int a= sc.nextInt();

System.out.println("enter the breadth : ");

int b = sc.nextInt();

rectangle i = new rectangle();

i.area(a,b);

i.perimeter(a,b);

}

}

1. Grading problem.

import java.util.Scanner;

public class remarks

{

public static void main(String[]args)

{

Scanner sc = new Scanner(System.in);

System.out.println("Enter the grade: ");

char grade = sc.next().charAt(0);

if(grade=='A')

{

System.out.println("The performance is Excellent");

}

else if(grade=='B')

{

System.out.println("The performance is Good");

}

else if(grade=='C')

{

System.out.println("The performance is Fair");

}

else

{

System.out.println("The performance is Bad");

}

}

}

1. Write the program to calculate simple interest.

import java.util.Scanner;

public class simpleintrest

{

public static void main(String[]args)

{

Scanner sc = new Scanner(System.in);

System.out.println("enter the principle amount: ");

int p = sc.nextInt();

System.out.println("enter the rate of intrest : ");

float r = sc.nextFloat();

System.out.println("enter the time period: ");

int t = sc.nextInt();

float SI= (p\*r\*t)/100;

System.out.println("The simple intrest is : " +SI);

}

}

1. Write a program to check whether a number is positive ,negative , or zero,

import java.util.Scanner;

public class numcheck

{

public static void main(String[]args)

{

Scanner sc = new Scanner(System.in);

System.out.println("Enter the number: ");

int num = sc.nextInt();

if(num>0)

{

System.out.println("The number is positive: " +num);

}

else if(num==0)

{

System.out.println("The number is zero: " +num);

}

else

{

System.out.println("The number is negative: " +num);

}

}

}

1. (a+b)^2

import java.util.Scanner;

public class expression

{

public static void main(String[]args)

{

Scanner sc = new Scanner(System.in);

System.out.println("enter the expression:");

String e = sc.nextLine();

System.out.println("write the evaluation: ");

String s= sc.nextLine();

System.out.println("the expression is :" +s);

}

}