**Qno.1)**

#include <stdio.h>

int main() {

int num1, num2;

printf("Enter two numbers: ");

scanf("%d %d", &num1, &num2);

int sum = num1 + num2;

printf("sum=%d", sum);

return 0;

}

**Qno.2**

#include <stdio.h>

#include <math.h> // Used for constant PI referred as M\_PI

int main()

{

float radius, diameter, circumference, area;

/\* Input radius of circle from user \*/

printf("Enter radius of circle: ");

scanf("%f", &radius);

circumference = (2 \* M\_PI \* radius);

area = (M\_PI \* radius \* radius);

printf("Circumference of the circle = %.2f units\n", circumference);

printf("Area of the circle = %.2f sq. units", area);

return 0;

}

**Qno.3)**

#include <stdio.h>

int main() {

float principal, rate, time, interest;

// Taking input for the principal amount from the user

printf("Enter the principal amount: ");

scanf("%f", &principal);

// Taking input for the rate of interest from the user

printf("Enter the rate of interest: ");

scanf("%f", &rate);

// Taking input for the time period (in years) from the user

printf("Enter the time period (in years): ");

scanf("%f", &time);

// Calculating simple interest using the formula: (principal \* rate \* time) / 100

interest = (principal \* rate \* time) / 100;

// Printing the calculated interest

printf("The simple interest is: %.2f", interest);

return 0;

}

**Qno.4)**

#include <stdio.h>

int main(void)

{

int choice = 0;

double temperature = 0.0;

printf("This program can do the following:\n"

"1. Convert from degrees Centigrade to degrees Fahrenheit\n"

"Select the conversion (1): ");

scanf("%d", &choice);

// Your Code Here

printf("Enter Temprature Value");

scanf("%lf", &temperature);

temperature = (temperature \* 1.8)+ 32;

printf("Fahrenheit:%lf",temperature);

return 0;

}

**Qno.5)**

#include<stdio.h>

int main()

{

int number1,number2,number3,number4,number5,sum=0,total=500; // Variable declaration

float per; // Variable declaration

printf("enter marks of 5number:\n"); //Display message

scanf("%d%d%d%d%d",&number1,&number2,&number3,&number4,&number5); // Reading inputs

sum =number1 + number2 + number3+ number4+ number5; //Computation

printf("sum=%d",sum); //Display message

per=(sum\*100)/total; //Computation

printf("\npercentage=%f",per); //Display message

return 0;

}