// C program to add two numbers

**#include <stdio.h>**

**main()**

**{**

**int A, B, sum = 0;**

**clrscr();**

**printf("Enter two numbers A and B : \n");**

**scanf("%d%d", &A, &B);**

**sum = A + B;**

**printf("Sum of A and B is: %d", sum);**

**}**

// C program to swap two variables

#include <stdio.h>

**main()**

**{**

**int x, y;**

**printf("Enter Value of x ");**

**scanf("%d", &x);**

**printf("\nEnter Value of y ");**

**scanf("%d", &y);**

**int temp = x;**

**x = y;**

**y = temp;**

**printf("\nAfter Swapping: x = %d, y = %d", x, y);**

**}**

**// C program to find the simple interst**

**#include <stdio.h>**

**main()**

**{**

**float P , R , T,SI;**

**printf("Enter p,r, and t values \n");**

**scanf("%f%f%f",&P,&R,&T);**

**SI = (P \* T \* R) / 100;**

**printf("Simple Interest = %f\n", SI);**

**}**

**// C program to multiply two floating point numbers**

**#include <stdio.h>**

**void main()**

**{**

**float A, B, product = 0.0f;**

**printf("Enter two floating numbers A and B : \n");**

**scanf("%f%f", &A, &B);**

**product = A \* B;**

**printf("Product of A and B is: %f", product);**

**}**

**C Program to Find the Size of int, float, double and char**

|  |
| --- |
| #include <stdio.h>  main()  {      int integerType;      char charType;      float floatType;      double doubleType;    clrscr();    printf("Size of int is: %ld",sizeof(integerType));     printf("Size of char is: %ld",sizeof(charType));     printf("Size of float is: %ld",sizeof(floatType));     printf("Size of double is: %ld", sizeof(doubleType));  } |

**Output:**

Size of int is: 4

Size of char is: 1

Size of float is: 4

Size of double is: 8

## C Program to calculate gross salary of a person.

|  |
| --- |
| #include<stdio.h>    main()  {     int gross\_salary, basic, da, ta;  clrscr();     printf("Enter basic salary : ");     scanf("%d", &basic);      da = (10 \* basic) / 100;     ta = (12 \* basic) / 100;      gross\_salary = basic + da + ta;      printf("\nGross salary : %d", gross\_salary);  } |

**Output :**

|  |  |
| --- | --- |
| 1  2 | Enter basic Salary : 1000  Gross Salart : 1220 |

### Program to convert temperature from degree centigrade to Fahrenheit

#include<stdio.h>

int main() {

float celsius, fahrenheit;

printf("\nEnter temp in Celsius : ");

scanf("%f", &celsius);

fahrenheit = (1.8 \* celsius) + 32;

printf("\nTemperature in Fahrenheit : %f ", fahrenheit);

return (0);

}

|  |  |
| --- | --- |
| 1  2 | Enter temp in Celsius : 32  Temperature in Fahrenheit : 89.59998 |

**Output :**

**C Program Sum Total of Five Subject and Calculate Average and Percentage**

void main()   
{   
        int a,b,c,d,e;   
          float f,g,h;   
          clrscr();   
          printf("Enter the Marks Subject maths = ");   
          scanf("%d",&a);   
          printf("Enter the Marks Subject hindi = ");   
          scanf("%d",&b);   
          printf("Enter the Marks Subject punjabi = ");   
          scanf("%d",&c);   
          printf("Enter the Marks Subject english = ");   
          scanf("%d",&d);   
          printf("Enter the Marks Subject science = ");   
          scanf("%d",&e);   
          f=a+b+c+d+e;   
          g=f/5;   
          h=(f/500)\*100;   
          printf("\nTotal Marks = %f ",f);   
          printf("\nAverage Marks = %f",g);   
          printf("\nPercentage Marks = %f %",h);   
          getch();   
}

## // Kilogram to Gram Conversion in C

#include<stdio.h>

#include<conio.h>

main()

{

float kg, g;

clrscr();

printf("Enter weight in Kilogram: ");

scanf("%f", &kg);

g = kg\*1000;

printf("Equivalent weight in Gram = %0.2f", g);

getch();

}

## Converting inches to centimeters in C

The question is, "Write a program in C that converts length from inch to centimeter."

#include<stdio.h>

#include<conio.h>

main()

{

float inch, cm;

printf("Enter length in Inch: ");

scanf("%f", &inch);

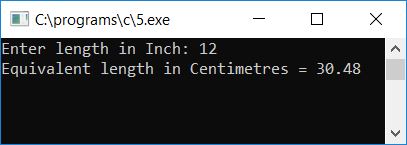
cm = inch \* 2.54;

printf("Equivalent length in Centimeters = %0.2f", cm);

getch();

}

**Output**



## Rectangle Area Calculation Program in C

The question is, "Write a program in C to calculate the area of a rectangle." The length and breadth of the rectangle must be defined by the user

#include<stdio.h>

#include<conio.h>

main()

{

float len, bre, area;

printf("Enter Length of Rectangle: ");

scanf("%f", &len);

printf("Enter breadth of Rectangle: ");

scanf("%f", &bre);

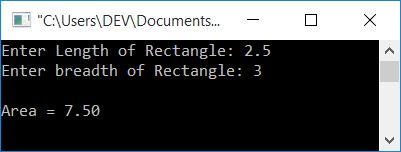
area = len\*bre;

printf("\nArea = %0.2f", area);

getch();

}

Output



## Calculate the area of the circle in C

The area of any circle can be calculated using the formula **πr2**. Here, **r** represents the radius of a circle, and the value of **π** is equal to **3.14**. So the formula can be written as **3.14r2** or **3.14\*r\*r**. Let's take a look at the program:

#include<stdio.h>

#include<conio.h>

main()

{

float rad, area;

printf("Enter Radius Value of Circle: ");

scanf("%f", &rad);

area = 3.14\*rad\*rad;

printf("\nArea = %0.2f", area);

getch();

}