**Write a C program to compute the perimeter and area of a circle with a given radius**.

#include <stdio.h>

main()

{

int radius;

float area, perimeter;

radius = 6;

perimeter = 2\*3.14\*radius;

printf("Perimeter of the Circle = %f inches\n", perimeter);

area = 3.14\*radius\*radius;

printf("Area of the Circle = %f square inches\n", area);

}

**Write a C program to compute the perimeter and area of a rectangle with a height of 7 inches and width of 5 inches.**

#include <stdio.h>

int width;

int height;

int area;

int perimeter;

main()

{

height = 7;

width = 5;

perimeter = 2\*(height + width);

printf("Perimeter of the rectangle = %d inches\n", perimeter);

area = height \* width;

printf("Area of the rectangle = %d square inches\n", area);

}

**Write a C program to convert specified days into years, weeks and days.**

#include <stdio.h>

main()

{

int days, years, weeks;

days = 1329;

years = days/365;

weeks = (days % 365)/7;

days = days- ((years\*365) + (weeks\*7));

printf("Years: %d\n", years);

printf("Weeks: %d\n", weeks);

printf("Days: %d \n", days);

}

**Write a C program that accepts two integers from the user and calculates the product of the two integers.**

#include <stdio.h>

main()

{

int x, y, result;

printf("\nInput the first integer: ");

scanf("%d", &x);

printf("\nInput the second integer: ");

scanf("%d", &y);

result = x \* y;

printf("Product of the above two integers = %d\n", result);

}

**Write a C program that accepts two item's weight and number of purchases (floating point values) and calculates their average value.**

#include <stdio.h>

main()

{

double wi1, ci1, wi2, ci2, result;

printf("Weight - Item1: ");

scanf("%lf", &wi1);

printf("No. of item1: ");

scanf("%lf", &ci1);

printf("Weight - Item2: ");

scanf("%lf", &wi2);

printf("No. of item2: ");

scanf("%lf", &ci2);

result = ((wi1 \* ci1) + (wi2 \* ci2)) / (ci1 + ci2);

printf("Average Value = %f\n", result);

}

#include <stdio.h>

main()

{

char id[10];

int hour;

double value, salary;

printf("Input the Employees ID(Max. 10 chars): ");

scanf("%s", &id);

printf("\nInput the working hrs: ");

scanf("%d", &hour);

printf("\nSalary amount/hr: ");

scanf("%lf", &value);

salary = value \* hour;

printf("\nEmployees ID = %s\nSalary = U$ %.2lf\n", id,salary);

}

 Write a C program that accepts three integers and finds the maximum of three.

#include <stdio.h>

#include <stdlib.h>

main()

{

int x, y, z, result, max;

printf("\nInput the first integer: ");

scanf("%d", &x);

printf("\nInput the second integer: ");

scanf("%d", &y);

printf("\nInput the third integer: ");

scanf("%d", &z);

result=(x+y+abs(x-y))/2;

max=(result+z+abs(result-z))/2;

printf("\nMaximum value of three integers: %d", max);

printf("\n");

}