***1)Write a c program to enter two numbers to find their sum***

*#include <stdio.h>*

*int main() {*

*int a,b;*

*printf("Enter the value of a\n");*

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

*printf("Enter the value of b\n");*

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

*int sum=a+b;*

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

*return 0;}*

***2)Write a c program to enter two values and perform all arithematic operations.***

1. ***product***

*#include <stdio.h>*

*int main() {*

*int a,b;*

*printf("Enter the value of a\n");*

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

*printf("Enter the value of b\n");*

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

*int product=a\*b;*

*printf("product=%d",product);*

*return 0;}*

*2)****divide***

*#include <stdio.h>*

*int main() {*

*float a,b;*

*printf("Enter the value of a\n");*

*scanf("%f",&a);*

*printf("Enter the value of b\n");*

*scanf("%f",&b);*

*float divide=a/b;*

*printf("a/b=%f",divide);*

*return 0;*

*}*

***3)Substraction***

*#include <stdio.h>*

*int main() {*

*int a,b;*

*printf("Enter the value of a\n");*

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

*printf("Enter the value of b\n");*

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

*int sub=a-b;*

*printf("a-b=%d",sub);*

*return 0;}*

***4)Write a c program to enter length and breadth of rectangle and find its perimeter***

*#include <stdio.h>*

*int main() {*

*int a,b;*

*printf("Enter the length\n");*

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

*printf("Enter the breadth\n");*

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

*int p=2\*a+2\*b;*

*printf("perimeter=%d",p);*

*return 0;*

*}*

*5)* ***Write a c program to enterlength and breadth of rectangle and find its area***

*#include <stdio.h>*

*int main() {*

*int a,b;*

*printf("Enter the length\n");*

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

*printf("Enter the breadth\n");*

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

*int p=a\*b;*

*printf("area=%d",p);*

*return 0;*

*}*

*6****)Program to find area, circumference, diameter of circle***

*#include <stdio.h>*

*int main() {*

*int r;*

*printf("Enter the radius\n");*

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

*float area=3.14\*r\*r,circum=2\*3.14\*r,dia=2\*r;*

*printf("area of circle=%f\nCircumference of circle=%f\nDiameter of circle=%f",area,circum,dia);*

*return 0;*

*}*

*7****)To convert length into its different units***

*#include <stdio.h>*

*int main()*

*{int l;*

*printf("Enter the value of length in cms\n");*

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

*int m=0.01\*l;*

*double k=0.00001\*l;*

*printf("length in mtrs=%d\nlength in kms=%0.2f",m,k);}*

***8) to convert Celsius to faratnehit***

*#include <stdio.h>*

*int main()*

*{float c;*

*printf("Enter the value of temp. in celsius\n");*

*scanf("%f",&c);*

*float f=1.8\*c+32;*

*printf("temp. in f=%f",f);}*

***9 To convert faranhiet to celcius***

*#include <stdio.h>*

*int main()*

*{float f;*

*printf("Enter the value of temp. in faran.\n");*

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

*float c=0.5555555556\*f-17.777777777778;*

*printf("temp. in c=%f",c);}*

***10) WAP to find x^y***

*#include <stdio.h>*

*#include <math.h>*

*int main()*

*{ int x,y;*

*printf("enter the value of x=");*

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

*printf("enter the value of y=");*

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

*int f=pow(x,y);*

*printf("x^y=%d",f);*

*return 0;*

*}*

***11)WAP to find sqrt of a number***

*#include <stdio.h>*

*#include <math.h>*

*int main()*

*{ int x;*

*printf("enter the value of x=");*

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

*float s=sqrt(x);*

*printf("square root of x=%0.3f",s);*

*return 0;*

*}*

***12 WAP to find third angle of a triangle***

*#include <stdio.h>*

*#include <math.h>*

*int main()*

*{ int x,y;*

*printf("enter the value of first angle of triangle=");*

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

*printf("enter the value of second angle of triangle=");*

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

*int z=180-x+y;*

*printf("The third angle of triangle=%d",z);*

*return 0;*

*}*

***13)WAP to find area of triangle using base and height***

*#include <stdio.h>*

*#include <math.h>*

*int main()*

*{ int b,h;*

*printf("enter the value of base of triangle=");*

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

*printf("enter the value of height of triangle=");*

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

*int area=0.5\*b\*h;*

*printf("The area of triangle=%d",area);*

*return 0;*

*}*

***14) WAP calculate area of equiletral triangle***

*#include <stdio.h>*

*#include <math.h>*

*int main()*

*{ int a;*

*printf("enter the side of equiletral triangle=");*

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

*float area=1.732\*a\*a/4;*

*printf("The area of triangle=%0.3f",area);*

*return 0;*

*}*

***15)WAP to calculate total marks percentage and average of 5 subjects***

*#include <stdio.h>*

*#include <math.h>*

*int main()*

*{ int a,b,c,d,e;*

*printf("enter the marks of top 5 subjects out of 100=\n");*

*scanf("%d%d%d%d%d",&a,&b,&c,&d,&e);*

*int t=a+b+c+d+e;*

*float average=t/5,p=t/5;*

*printf("Total marks=%d\nThe average of the marks=%0.2f\npercentage=%0.2f",t,average,p);*

*return 0;*

*}*

***16)WAP to calculate SI***

*#include<stdio.h>*

*int main()*

*{*

*int p,r,t;*

*printf("enter the value of P,R,T=\n");*

*scanf("%d%d%d",&p,&r,&t);*

*int si=(p\*r\*t)/100;*

*printf("The value of si=%d",si);*

*return 0;*

*}*

***17)WAP to find no. of years days and weeks***

*#include <stdio.h>*

*#include<math.h>*

*int main()*

*{*

*int x;*

*printf("enter the no. of days=");*

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

*int y,w,d;*

*y=x/365;*

*w=(x-365)/7;*

*d=(x-365)%7;*

*printf("years=%d\nweeks=%d\ndays=%d",y,w,d);*

*return 0;*

*}*

***18) WAP to find compound interest***

*#include<stdio.h>*

*#include<math.h>*

*int main()*

*{*

*float p,r,t;*

*printf("enter the value of P,R,T=\n");*

*scanf("%f%f%f",&p,&r,&t);*

*float a=(1+r/100);*

*float b=pow (a,t);*

*float A=b\*p;*

*float ci=A-p;*

*printf("The value of a,A, ci=%f,%f,%f",a,A,ci);*

*return 0;*

*}*