1.Write a program to calculate the sum of two numbers.

ANS.

#include<stdio.h>

#include<conio.h>

int main()

{

int a,b,c;

printf("enter two numbers:");

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

c=a+b;

printf("sum is %d ",c);

}

2. Write a program to calculate the area of a circle.

ANS.

#include<stdio.h>

#include<conio.h>

int main()

{

int r,; //r=radius

float area;

printf("enter radius of circle:");

scanf("%d",&r);

area=3.14\*r\*r;

printf("Area of circle is %f ",area);

}

3. Write a program to calculate the volume of a Cuboid.

ANS. main()

{

int l,b,h; // l(length),b(breadth),h(height)

float Volumne;

printf("enter dimenshions of cuboid:");

scanf("%d %d %d",&l,&b,&h);

Volumne=l\*b\*h;

printf("volumne of cuboid is %f ",Volumne);

}

4. Write a program to calculate the simple interest.

ANS.

#include<stdio.h>

#include<conio.h>

int main()

{

int P,R,T; // l(length),b(breadth),h(height)

float SI;

printf("Principle ammount:");

scanf("%d",&P);

printf("Rate of interest:");

scanf("%d",&R);

printf("Time:");

scanf("%d",&T);

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

printf("Interest ammount %f ",SI);

getch();

return 0;

}

5. Write a program to calculate the area of a rectangle

#include<stdio.h>

#include<conio.h>

int main()

{

int r,PI=3.14; //r=radius

float area;

printf("enter radius of circle:");

scanf("%d",&r);

area=3.14\*r\*r;

printf("Area of circle is %f ",area);

}

6. Write a program to calculate the average of three numbers

main()

{

int a,b,c;

float avg;

printf("enter three number\n");

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

avg=(a+b+c)/3;

printf("average is %f",avg);

getch();

return 0;

}

7. Write a program to calculate the square of a given number.

ANS. main()

{

    int a,sqr;

    printf("enter number");

    scanf("%d",&a);

    sqr=a\*a;

    printf("square is:%d",sqr);

    getch();

    return 0;

}

8. Write a program which takes a character as input and print its ASCII code.

ANS.

main()

{

char x='A';

printf("%d",x);

getch();

}

9. Write a program to calculate the profit percentage upon selling a product. Cost price

and selling price are given by the user.

main()

{

    int cp,sp;

    float profitpercent;

    printf("enter the cost price and selling price of a product\n");

    scanf("%d %d",&cp,&sp);

    profitpercent=(sp-cp)\*100/cp;

    printf("profit is %f %%",profitpercent);

    getch();

    return 0;

}

10. Write a program to calculate the area of a triangle where base and height of the

triangle are given.

ANS.

main()

{

    int base,height;

    float area;

    printf("enter base and height of the triangle");

    scanf("%d %d",&base,&height);

    area=base\*height/2;

    printf("area of triangle is %f",area);

    getch();

    return 0;

}