**Vidyanand Kumar**

**C Language Assignment 5**

1).

#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 of two numbers =%d",c);

getch();

}

2).

#include<stdio.h>

#include<conio.h>

int main()

{

float r,a;

printf("Enter radius of a circle:");

scanf("%f",&r);

a=3.14\*r\*r;

printf("Area of a circle =%f",a);

getch();

}

3).

#include<stdio.h>

#include<conio.h>

int main()

{

int l,b,h,v;

printf("Enter length,breadth,height:");

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

v=l\*b\*h;

printf("Volume of a cuboid =%d",v);

getch();

}

4).

#include<stdio.h>

#include<conio.h>

int main()

{

int p,t;

float r,SI;

printf("Enter principal,rate,time:");

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

SI=(p\*r\*t)/100;

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

getch();

}

5).

#include<stdio.h>

#include<conio.h>

int main()

{

int l,b,a;

printf("Enter length,breadth:");

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

a=l\*b;

printf("Area of a rectangle =%d",a);

getch();

}

6).

#include<stdio.h>

#include<conio.h>

int main()

{

float a,b,c,avg;

printf("Enter three numbers:");

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

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

printf("Average of three numbers =%f",avg);

getch();

}

7).

#include<stdio.h>

#include<conio.h>

int main()

{

float a,sqr;

printf("Enter a number:");

scanf("%f",&a);

sqr=a\*a;

printf("Square of a number =%f",sqr);

getch();

}

8).

#include<stdio.h>

#include<conio.h>

int main()

{

char c;

printf("Enter a character:");

scanf("%c",&c);

printf("ASCII code =%d",c);

getch();

}

9).

#include<stdio.h>

#include<conio.h>

int main()

{

int sp,cp,profit;

printf("Enter sp, cp:");

scanf("%d %d",&sp,&cp);

profit=sp-cp;

float profit\_percentage=(profit\*100)/cp;

printf("Profit percentage =%f",profit\_percentage);

getch();

}

10).

#include<stdio.h>

#include<conio.h>

int main()

{

float b,h,a;

printf("Enter base, height:");

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

a=0.5\*b\*h;

printf("Area of a triangle =%f",a);

getch();

}