ASSIGNMENT -5 - C language

① Write a program to Calculate the Sum of two numbers.

```c
# include < stdio.h >
int main()
{ int a, b, c;
  Printf ("Enter two numbers");
  Scanf ("%d %d", &a ,&b);

  c = a+b;
  Printf("Sum of %d and %d is : %d", a, b, c);

    Return 0;
}
```

② Write a Program to Calculate the area of a Circle.

```c
# include < stdio.h >
int main()
{ int r;
  float area;
  Printf ("Enter Radius");
  Scanf ("%d", &r);

  area = 3.14* r*r;
  Printf ("area of circle whose radius is %d = %f", r, area);
    Return 0;
}
```

③ Write a Program to Calculate the volume of a cuboid.

```c
# include < stdio.h >
int main()
{ int l, b, h;
  float volume;
  Printf ("Enter length & Breath, height");
  Scanf ("%d %d %d", &l, &b, &h);

  Volume = l*b*h;
    Printf (Volume of cuboid : %f", volume);

    Return 0;
```

04) Write a Program to Calculate the Simple Interest.

```c
#include <Stdio.h>
int main()
{ int p, r, t, Si;
  Printf("Enter Numbers");
  Scanf("%d %d %d", &p, &r, &t);

  Si = (P*r*t)/100;
  Printf("Simple Interest : %d", Si);

  return 0;

}
```

05) Write a program to Calculate the area of a Rectangle

```c
#include <Stdio.h>
int main()
{ int l, b;
  float area;
  Printf("Enter Numbers");
  Scanf("%d %d", &l, &b);

  area = l*b;
  Printf("Area of Rectangle : %f", area);
  return 0;

}
```

06) Write a program to Calculate the average of three number

```c
#include <Stdio.h>
int main()
{ int a, b, c, Average;
  Printf("Enter numbers");
  Scanf("%d %d %d", &a, &b, &c);

  Average = (a+b+c)/3;
  Printf("Average of three No:: %d", Average);
  Return 0;
}
```

07) Write a Program to Calculate the ~~squ~~ Square of a given number.

```c
#include <Stdio.h>
int main()
{ int a, Square;
  Printf("Enter no.);
  Scanf("%d", &a);
  Sq = a*a;
  Printf("Square : %d", Sq.);
```

07 Write a program to Calculate the Sq. of a given number.

08 Write a Program which take a character as input and Print its ASCII Code.

```c
#include <stdio.h>
int main()
{ char a;
  Printf("Enter number");
  Scanf("%c", &a);

  Printf("ASCII code : %d", a);
  Re return 0;
}
```

09 Write a program to Calculate the Profit Percentage upon selling product.
Cost Price and Selling Price are given by the User.

```c
#include <stdio.h>
int main();
{ flout cp, sp, pp;
  Printf("Enter numbers");
  Scanf("%f %f", &cp, &sp);

  pp = ((sp-cp)/sp)*100;
  Printf("Profit Percentage : %f%%", pp);

  return 0;
}
```

10 Write a program to Calculate the area of a triangle where bore and height of triangle are given

```c
#include <stdio.h>
int main()
{ float l, h, area;
  Printf("Enter number");
  Scanf("%f %f", &l, &h);
  area = (l*6)/2;
  Printf("Area of triangle : %f", area);

  return 0;
}
```