Assignment -5

1.
```
#include <stdio.h>
# include <conio.h>
int main( )
{
    float a,b,Sum;
    Printf(' Enter the value of two number = ");
    Scanf(" %f %f ", &a, &b);
    Sum=0.0
    Sum= a+b;
    Printf(" %f + %f = %f ", a, b, Sum);
    getch();
}
```

2.
```
#include <stdio.h>
# include <conio.h>
int main()
{
    float r, Area;
    Printf(' Enter the radius = ");
    Scanf(" %f ", &r);
    Area = 3.14 * r * r;
    Printf(" Area = %f ", Area);
    getch();
}
```

3.

```c
#include <stdio.h>
#include <conio.h>
int main()
{
    float a,volumn;
    printf("Enter the Side of cuboid=");
    scanf("%f",&a);
    Volumn = a*a*a;
    printf("Volumn of Cuboid =%f",Volumn);
    getch();
}
```

4.

```c
#include <stdio.h>
#include <conio.h>
int main()
{
    float SI,P,R,T;
    printf("Enter amount, Rate of interest and time=");
    scanf("%f %f %f",&P,&P,&T);
    SI = P*P*T;
    printf("Total Calculated Simple interest =%f",SI);
    getch();
}
```

5.

```c
#include <stdio.h>
#include <conio.h>
int main()
{
    float a,b,Area;
    printf("Enter two Side of rectengal=");
    scanf("%f %f",&a,&b);
    Area=0.0
    Area = a*b;
    printf("Calculated area =%f",Area);
    getch();
}
```

```c
#include <stdio.h>
#include <conio.h>
int main()
{
    int a,b,c,Sum,Avg=0;
    float avg=0.0;
    printf("Enter three integer number=");
    scanf("%d%d%d", &a,&b,&c);
    Avg=(a+b+c)/3;
    printf("Avg of 3 number = %f", Avg);
    getch();
}
```

7.
```c
#include <stdio.h>
#include <conio.h>
int main()
{
    int a,square=0;
    printf("Enter th integer number=");
    scanf("%d", &a);
    Squre=a*a;
    printf("Squre of %d = %d", a,squre);
    getch();
}
```

8.
```c
#include <stdio.h>
#include <conio.h>
int main()
{
    char ch;
    printf("Enter the characcter=");
    scanf("%c", &ch);
    printf("ASCII Value of %c = %d", ch,ch);
    getch();
}
```

9.
```c
#include <stdio.h>
#include <conio.h>
int main()
{
    int C,S,profit;
    float profit=0.0;
    printf("Enter the cost and selling price=");
    scanf("%d%d", &c,&s);
    profit=((S-c)/c)*100;
    printf("profit = %f : profit");
    getch();
}
```

100 → 120
P → 120 - 100
= 20
120 → 150 30
120 - 20
120 X100

10.

```c
#include <Stdio.h>
# include <conio.h>
int main()
{
    int b,h;
    float Area=0.0
    Printf(" Enter the base and height = ");
    Scanf(" %d %d", &b ,&h );
    Area=(1/2)*b*h;
    Printf(" Area of triangle = %f ",Area);
    getch();
}
```