## Assignment Week-1

① 
```c
#include <stdio.h>
void main ()
{
    float a,b,r;
    char c;
    printf ("Enter two no's \n");
    scanf (" %f%f ", &a, &b);
    printf (" Enter Arithmetic Operation\n");
    scanf (" %d", &c);
    switch (c)
    {
        case '+':
            r = a + b;
            break;
        case '-':
            r = a - b;
            break;
        case '*':
            r = a * b;
            break;
        case '/':
            r = a / b;
            break;
    }
    printf (" Result = %f ", &r );
}
```

② 
```c
#include <stdio.h>
main ()
{
    float C,f;
    printf printf (" Enter Temperature in Celsius \n");
```

```c
        scanf ("@ %f", &C);

        f = (9/5 x C) + 32;
        printf (" The degree in Fahrenheit = %f", @F);
}
```

③
```c
#include <stdio.h>
main ()
{
    float area, dia, cir, rad;
    printf ("Enter the radius of the circle \n");
    scanf ("%f", & rad);

    float pie = 3.14;
    area = pie * rad * rad;
    cir = pie * 2 * rad;
    dia = 2 * rad;
    printf (" The Diameter = %f", & dia);
    printf (" The Circumference = %f", & cir);
    printf (" The Area = %f", & area);
}
```

④
```c
#include <stdio.h>
main ()
{
    float P, C, B, M, Co;
    float per;

    printf ("Input Marks of Physics, Chemistry, Biology, Maths &
            Computer \n");
    scanf (" %f %f %f %f %f ", &P, &C, &B, &M, &Co);
    per = (P + C + B + M + Co) / 5;
    if (per >= 90)
    {
```

```c
        printf("Grade A");
    }
    if(per >=80 && per < 90)
    {
        printf("Grade B");
    }
    if(per >= 70 && per < 80)
    {
        printf("Grade C");
    }
    if(per >= 60 && per < 70)
    {
        printf("Grade D");
    }
    if(per >= 40 && per < 60)
    {
        printf("Grade E");
    }
    if(per < 40)
    {
        printf("Grade F");
    }

    printf("The percentage = %.f", per);

}
```

⑤
```c
#include <stdio.h>
void main()
{
    char c;
    printf("Enter the Alphabet \n");
    scanf("%c", &c);
```

```c
Switch (c)
{
    case 'A':
    case 'a':
    case 'E':
    case 'e':
    case 'I':
    case 'i':
    case 'O':
    case 'o':
    case 'U':
    case 'u':
        printf(" The Alphabet is Vowel \n");
        break;
    default:
        printf(" The Alphabet is Consonant");
}
}
```