Assignment -2

Instruction: Read and run programs from 1 to 6. Write the programs from 7 to 10.

Program 1)

```
int main()
{
      float n;
      printf("Enter a floating point number: ");
      scanf("%f", &n);
       printf("The number %.2f is read \n", n);
      return 0;
}
```

Program 2)

```
#include
main()
{
      float a,b;
      int p,q;
      printf("Give a number");
      scanf("%f",&a);
      p=a;
      b=a-p;
      q=10*b;
      printf("%d",q);
}
```

Program 3).

```
#include<stdio.h>
main()
{
      float a,b,c;
      int p;
      printf("Give a number");
      scanf("%f",&a);
      p=a;
      b=a-p;
      printf("%f",b);
}
```

Program 4)

```
#include<stdio.h>
main()
{
      int x, l, f;
      printf ("Enter a five digit number with the last digit without 7\n");
      scanf("%d", &x);
      f= x/10;
      x=f*10+7;
```

```c
        printf("\nThe new number is: %d", x);
}
```

Program 5)

```c
 #include<stdio.h>
 main()
{
        float area, base, height;
        printf ("Enter Base and height of the
        triangle \n");
        scanf("%f %f ", &base, &height);
        area = .5 * base*height;
        printf("\n The area of the triangle is: %area", area);
}
```

Program 6)

```c
 #include<stdio.h>
   main()
   {
        Int a,b;
        Printf("enter a number: ");
        Scanf("%d" &a);
        Printf("\n enter a number:");
        Scanf("%d" &b);
        If(a>b)
                Printf("\n a is greater than b");
        Else
                Printf("\n b is greater than a");
   }
```

7) write a program which reads temperature in Fahrenheit and output temperature in Celsius.

8) Find area of square, rectangle and circle. Take input according to your choice.

9) write a program which reads temperature (in C). If temperature is greater than 25 C than output as "day is warm". And if temperature is less than 25 then "Day is cold".

10) write a program which reads age of two persons and display the taller person with appropriate message.