Assignment-1

Input and Output in c language

1. **Wap to print Hello Students on the Screen.**
   →
   ```
   #include<stdio.h>
   Int main()
   {
       printf("Hello Students");
       return 0;
   }
   ```

2. **Wap to print Hello in the first line and Students in the second line.**
   →
   ```
   #include<stdio.h>
   Int main()
   {
       printf("Hello\nStudents");
       return 0;
   }
   ```

3. **Wap to print "MySirG" on the screen.(remember to print in double quotes)**
   →
   ```
   #include<stdio.h>
   Int main()
   {
       printf("\"MySirG\"");
       return 0;
   }
   ```

4. **Wap to find the area of the circle.Take radius of circle from user as input and print the result in bellow given format.**
   Expected output format- "Area of circle is A having the radius R". replace A with area &r with radius.
   →
   ```
   #include<stdio.h>
   Int main()
   {
       Float  area, radius;
       printf("enter a radius);
       scanf("%f",&radius);
       area= 3.14 * radius * radius ;
       printf("Area of circle is %f having the radius %f." ,area , radius);
       return 0;
   }
   ```

5. **Wap to calculate the length of string using printf function.**

```
→  #include<stdio.h>
   Int main()
  {
      Int x=printf("MySirG");
      printf("\n length of the string is %d",x):
      return 0;
  }
```

6. **Wap to print the name of the user in double quotes.**
   Expected output format- "Hello , Amit Kumar"

```
→    #include<stdio.h>
     Int main()
    {
         printf("\"Hello , Amit Kumar\"");
         return 0;
    }
```

7. **Wap to print "%d" on the screen.**

```
→     #include<stdio.h>
      Int main()
     {
         printf("%%d");
         return 0;
     }
```

8. **Wap to print "\n" on the screen.**

```
→      #include<stdio.h>
       Int main()
      {
           printf("\\n");
           return 0;
      }
```

9. **Wap to print "\\" on the screen.**

```
→      #include<stdio.h>
       Int main()
      {
           printf("\\\\")'
           return 0;
      }
```

10. **Wap to take date as an input in below given format and convert the date format and display the result as given below.**
    User input date format- "DD/MM/YYYY" (27/11/2022)

Output format- "Day – DD , Month – MM ,Year – YYYY" (Day – 27 , Month – 07 , Year – 2022)

→   *#iinclude<stdio.h>*

Int main()

{

Int DD,MM,YYYY;

printf("\"DD\\MM\\YYYY\"");

scanf("%d%d%d",&DD,&MM,&YYYY);

printf("\"Day -%d , Month - %d , Year - %d\"",DD,MM,YYYY);

return 0;

}

11.Find Output of below code:

Int main()

{

Int x= printf("ineuron");

printf("%d",x);

return 0;

}

→ **output-** *ineuron7*