JRBC

Assignment -1

1) **Write a program to print Hello Students on the screen.**

   #include<stdio.h>

   int main(){

          int a,b;

          printf("Hello Students");

   return 0;

   }

2) **Write a program to print Hello in the first line and Students in the second line.**

   #include<stdio.h>

   int main(){

          printf("Hello\nStudents");

   return 0;

   }

3) **Write a program 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 below 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 R,A;
         printf("Enter Radius: ");
         scanf("%f", &R);
         A=3.141*R*R;
   printf("Area of circle is %.3f having radius %.2f",A,R);
         return 0; }

5) **WAP to calculate the length of String using printf function.**

```
#include<stdio.h>
 int main(){
int x = printf("Subrat Bardhan");
printf("%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)

```
#include<stdio.h>
int main(){
int DD,MM,YYYY;
printf("Enter Date(DD/MM/YYYY: ");
 scanf("%d/%d/%d",&DD,&MM,&YYYY);
 printf("Day-%d,Month-%d,Year-%d",DD,MM,YYYY);
return 0;
}
```

11) WAP to take time as an input in below given format and convert the time format and display the result as given below.

User Input date format – "HH:MM"

Output format – "HH hour and MM Minute"

Example –

"11:25" converted to "11 Hour and 25 Minute"

```c
#include<stdio.h>
int main(){
int  HH,MM;
printf("Enter Time(HH:MM) :  ");
 scanf("%d:%d:",&HH,& MM);
 printf("%d Hour and %d Minute",HH,MM);
return 0;
 }
```

12) Find output of below code:

```c
#include<stdio.h>
int main()
{
int x = printf("ineuron");
printf("%d",x);
return 0;
}
```

OUTPUT : ineuron7