ASSIGNMENT – 1

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

Ans - #include<stdio.h>

int main(){

    printf("Hello");

    return 0;

}

1. Write a program to print Hello in the first line and Students in the second line.

Ans - #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.

Ans - #include<stdio.h>

int main(){

    float A,R;

    scanf("%f",&R);

    A = 3.14\*R\*R;

    printf("Area of circle is %f having the radius %f",A,R);

    return 0;

}

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

Ans - #include<stdio.h>

int main() {

printf("Length of the string = %d",sizeof("shafia"));

return 0;

 }

6. WAP to print the name of the user in double quotes.

Ans - #include<stdio.h>

int main() {

char name[30];

gets(name);

printf("\"Hello, %s\"",name);

return 0;

 }

7. WAP to print “%d” on the screen.

Ans - #include<stdio.h>

int main() {

printf("%%d");

return 0;

 }

8. WAP to print “\n” on the screen.

Ans-#include<stdio.h>

int main() {

printf("\\n");

return 0;

 }

9. WAP to print “\\” on the screen.

Ans-#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)

Ans-#include<stdio.h>

int main() {

int DD,MM,YYYY;

printf("User Input date format -“DD/MM/YYYY” (27/11/2022) \n");

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”

Ans-#include<stdio.h>

int main() {

int HH,MM;

printf("User Input date format - HH:MM \n");

scanf("%d %d",&HH,&MM);

printf("%d Hour and %d Minute",HH,MM);

return 0;

 }

12. Find output of below code:

int main()

{

int x = printf(“ineuron”);

printf(“%d”,x);

return 0;

}

Ans- ineuron7