Assignment – 1

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

Solve-

#include <stdio.h>

int main() {

printf("Hello students");

return 0;

}

Output ---- Hello students

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

Solve—

#include <stdio.h>

int main() {

printf("Hello ");

printf("\n");

printf("students");

return 0;

}

Output--- Hello

Students

1. Write a program to print “MySirG” on the screen. (Remember to print in double quotes)?

Solve-

#include <stdio.h>

int main() {

printf("\"MySirG\"");

return 0;

}

Output --- "MySirG"

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.

Solve -

#include<stdio.h>

int main(){

float A,R;

printf(" Enter the radius of circle ");

scanf("%f",&R);

A= 3.14\*R\*R;

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

return 0;

}

Output - Enter the radius of circle 2

Area of circle A having the radius R 12.560000

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

Solve-

#include <stdio.h>

int main() {

char s[100];

gets(s);

printf("Length = %d\n", strlen(s));

return 0;

}

Output - MySirG

Length = 6

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

Expected output format – “Hello , Amit Kumar”

Solve-

#include<stdio.h>

int main()

{

printf("\"Hello,Amit Kumar\"");

return 0;

}

Output --- "Hello,Amit Kumar"

1. WAP to print “%d” on the screen.

Solve –

#include<stdio.h>

int main()

{

printf("\" %%d \"");

return 0;

}

Output -- “ %d”

1. WAP to print “\n” on the screen.

Solve ---

#include<stdio.h>

int main()

{

printf(" \"\\n \"");

return 0;

}

Output -- "\n "

1. WAP to print “\\” on the screen.

Solve- #include<stdio.h>

int main()

{

printf("\" \\\\ \"");

return 0;

}

Output ---- " \\ "

1. 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)

Solve -

#include<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;

}

OUTPUT -- "DD/MM/YYYY" 12

2

2002

"Day- 12 , Month- 2 , Year - 2002"

1. 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”

Output -

#include<stdio.h>

int main()

{

int HH,MM;

printf("\"HH:MM\"");

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

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

return 0;

}

Output - "HH:MM"12

3

"12 Hour and 3 Minute"

12. Find output of below code:

int main()

{

int x = printf(“ineuron”);

printf(“%d”,x)

return 0;

}

Output - error