**Assignment – 1**  A Job Ready Bootcamp in C++, DSA and IOT MySirG

**Input and output in C Language**

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

#include<stdio.h>

int main()

{

printf("Hello Student");

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 \n");

printf("Student");

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()

{

int R;

float A;

printf("Enter radius of circle");

scanf("%d",&R);

A=3.142\*R\*R;

printf("Area of circle is=%f",A);

return 0;

}

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

#include<stdio.h>

int main()

{

int n;

n=printf("Reshma");

printf("%d",n);

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,Reshma Mote\"");

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 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”***

#include<stdio.h>

int main()

{

int HH,MM;

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

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

printf("%dHour and %dMinute",HH,MM);

return 0;

}

***12. Find output of below code:***

***int main()***

***{***

***int x = printf(“ineuron”);***

***printf(“%d”,x);***

***return 0;***

Error