**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.**

**Ans-**

#include<stdio.h>

int main()

{

printf("Hello Students");

getch();

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");

getch();

return 0;

}

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

**Ans-**

#include<stdio.h>

int main()

{

printf("\"MySirG\"");

getch();

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.**

**Ans-**

#include<stdio.h>

int main()

{

float r;

printf("Please Enter the Radious of Circle ");

scanf("%g",&r);

printf("Area of circle is %g having the radius %g",3.14\*r\*r,r);

getch();

return 0;

}

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

**Ans-**

#include<stdio.h>

int main()

{

int l;

l=printf("ABHISHEK VARSHNEY");

printf("\nLength of a String =%d",l);

getch();

return 0;

}

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

**Expected output format – “Hello , Amit Kumar”**

**Ans-**

#include<stdio.h>

int main()

{

printf("\"Hello,ABHISHEK VARSHNEY\"");

getch();

return 0;

}

**7. WAP to print “%d” on the screen.**

**Ans-**

#include<stdio.h>

int main()

{

printf("%%d");

getch();

return 0;

}

**8. WAP to print “\n” on the screen.**

**Ans-**

#include<stdio.h>

int main()

{

printf("\\n");

getch();

return 0;

}

**9. WAP to print “\\” on the screen.**

**Ans-**

#include<stdio.h>

int main()

{

printf("\\\\");

getch();

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("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”**

**Ans-**

#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:**

**int main()**

**{**

**int x = printf(“ineuron”);**

**printf(“%d”,x);**

**return 0;**

**}**

**Ans-**

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