**A Job Ready Bootcamp in C++ ,DSA & IOT**

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**Assignment No.1**

**Q1 Write a program to print Hello Student on the screen.**

**Answer: #include<stdio.h>**

**int main()**

**{**

**printf("Hello Student")**

**return 0;**

**}**

**Q2 Write a program to print Hello in the first line and Students in the second line.**

**Answer:** **#include<stdio.h>**

**int main()**

**{**

**printf("Hello \nStudent");**

**return 0;**

**}**

**Q3 Write a program to print “MySirG” on the screen. (Remember to print in double quotes)**

**Answer: #include<stdio.h>**

**int main()**

**{**

**printf("\"MySirG\"");**

**return 0;**

**}**

**Q4 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.**

**Answer: #include<stdio.h>**

**int main()**

**{**

**float radius,area;**

**printf("Enter radius");**

**scanf("%f",&radius);**

**area = 3.14\*radius\*radius;**

**printf("Area of circle is %f having the radius %f",area,radius);**

**return 0;**

**}**

**Q5 WAP to calculate the length of String using printf function.**

**Answer:** **#include<stdio.h>**

**int main()**

**{**

**int x = printf("CODE");**

**printf("%d",x);**

**return 0;**

**}**

**Q6 WAP to print the name of the user in double quotes.**

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

**Answer: #include<stdio.h>**

**int main()**

**{**

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

**return 0;**

**}**

**Q7 WAP to print “%d” on the screen.**

**Answere: #include<stdio.h>**

**int main()**

**{**

**printf("%%d");**

**return 0;**

**}**

**Q8 WAP to print “\n” on the screen.**

**Answere: #include<stdio.h>**

**int main()**

**{**

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

**return 0;**

**}**

**Q9 WAP to print “\\” on the screen.Answer:**  **#include<stdio.h>**

**int main()**

**{**

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

**return 0;**

**}**

**Q10 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)**

**Answer:** **#include<stdio.h>**

**int main()**

**{**

**int day,month,year;**

**printf("Enter day in DD/MM/YYYY format\n");**

**scanf("%d/%d/%d",&day,&month,&year);**

**printf("%d day %d month and %d year",day,month,year);**

**return 0;**

**}**

**Q11 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”**

**Answer:**  **#include<stdio.h>**

**int main()**

**{**

**int hour,min;**

**printf(“Enter time in HH:MM format\n”);**

**scanf("%d:%d",&hour,&min);**

**printf("%d Hours and %d minutes",hour,min);**

**return 0;**

**}**

**Q12Find output of below code:**

**int main()**

**{**

**int x = printf(“ineuron”);**

**printf(“%d”,x);**

**return 0;**

**}**

**Answer: output :** **ineuron7**