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.
2. #include<stdio.h>
3. int main()
4. {
5. printf("Hello students");
6. }
7. Write a program to print Hello in the first line and Students in the second line.
8. #include<stdio.h>
9. int main()
10. {
11. printf("Hello\nStudents");
12. }

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

#include<stdio.h>

int main()

{

   printf("\"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.

#include<stdio.h>

int main()

{

   int r;

   float a;

   printf("Enter the Radius of the circle\n");

   scanf("%d", &r);

   a = 3.14\*r\*r;

   printf("The area of a circle is: %.2f", a);

}

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

#include<stdio.h>

#include<string.h>

int main()

{

int x;

x=printf("SATISH");

printf("Length of \"SATISH\" is %d", x);

printf("\n");

}

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, Amit Kumar\" ");

}

7. WAP to print “%d” on the screen.

#include<stdio.h>

#include<string.h>

int main()

{

   printf("%%d");

}

8. WAP to print “\n” on the screen.

#include<stdio.h>

#include<string.h>

int main()

{

   printf("\\n");

}

9. WAP to print “\\” on the screen.

#include<stdio.h>

#include<string.h>

int main()

{

   printf("\\\\");

}

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 d, m, y;

    printf("Enter date month and year\n");

    scanf("%d%d%d", &d, &m, &y);

    printf("Day-%d,Month-%d,Year-%d", d,m,y);

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 h, m;

    printf("Enter Hours and Minute\n");

    scanf("%d%d", &h,&m);

    printf("%d Hour and %d Minute", h,m);

    return 0;

}

12. Find output of below code:

int main() {

int x = printf(“ineuron”);

printf(“%d”,x);

return 0;

}

Solution - ineuron7