

Assignment:-1

Input and Output in C language

Question no:-1

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

Answer:-

```
#include <stdio.h>
int main() {
    printf("Hello Students");
    return 0;
}
```

(2) Write a program to print Hello in the first line and Students in the second line?

Answer:-

```
#include <stdio.h>
int main() {
    printf("Hello\nStudents");
    return 0;
}
```

(3) Write program to print "MySiSiG" on the screen?

Answer:-

```
#include <stdio.h>
int main() {
    printf("MySiSiG");
    return 0;
}
```

(4) WAP to find area of the circle. Take radius of circle from user as input and print the result in below given format?

```
#include <stdio.h>
int int main () {
    float a, Pi = 3.14, r;
    printf("Enter radius of a circle:");
    scanf("%f", &r);
    a = Pi * r * r;
    printf("Area of circle is %f having the radius\n%f", a, r);
    return 0;
}
```

(5) WAP to calculate the length of String using printf function?

```
int
#include <stdio.h>
#include <string.h>
int main()
{
    char str[1000];
    int i;
    printf("Enter the String: ");
    scanf("%s", str);
    for(i=0; str[i] != '\0'; ++i);
    printf("length of str is %d, i);
    return 0;
}
```

6. WAP to print the name of the User in double quote?

Ans

```
#include <stdio.h>
```

```
int main () {
```

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

```
return 0;
```

```
}
```

(7) WAP to print "y.d" on the screen?

```
#include <stdio.h>
```

```
int main () {
```

```
printf ("y.d");
```

```
return 0;
```

```
}
```

(8) WAP to print "\n" on the screen?

```
#include <stdio.h>
```

```
int main () {
```

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

```
return 0;
```

```
}
```

(9) WAP to print "11" on the screen

```
#include <stdio.h>
```

```
int main () {
```

```
printf ("11");
```

```
return 0;
```

```
}
```

⑩ WAP to takes date as an input in below given format and display the result as given below

user input :- DD/MM/YYYY (27/11/2022)

Output (Day-27, Month-07, Year-2022)

```
#include <stdio.h>
int main() {
    int d,m,y;
    printf("DD/MM/YYYY :- ");
    scanf("e%y.d%y.d%y.d",&d,&m,&y);
    printf("eDay-%y.d Month-%y.d Year-%y.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 - HH:MM

Output format :- HH hour and MM minute

```
#include <stdio.h>
int main int main() {
    int h,m; int h,m;
    printf("eHH:MM :- ");
    scanf("e%y.d%y.d",&h,&m);
    printf("e%y.d Hour and %y.d Minutes",&h,&m);
    return 0;
}
```

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Find output of below code:-

```
int main()
{
    int x = printf("ineuron");
    printf("%d", x);
    return 0;
}
```

Output:-

ineuron7