

Assignment 1 Solution

Q.1

```
//Write a program to print Hello Students on the screen.
//Solution:
#include<stdio.h>

int main(){
    printf("Hello");
    return 0;
}
```

Q.2

```
//Write a program to print Hello in the first line and Students in the second
line.
//Solution:
#include<stdio.h>

int main(){
    printf("Hello\nStudent");
    return 0;
}
```

Q.3

```
//Write a program to print "MySirG" on the screen. (Remember to print in double
quotes)
//Solution:
#include<stdio.h>

int main(){
    printf("\"MySirG\"");
    return 0;
}
```

Q.4

```
#include<stdio.h>

int main(){
    float radius,area,pie=3.14;
    printf("Enter the radius of Circle:");
    scanf("%f",&radius);
    area=pie*radius*radius;
    printf("Area of circle is %f having the radius %f",area,radius);
    return 0;
}
```

Q.5

```
//WAP to calculate the length of String using printf function.
//Solution:

#include<stdio.h>
#include<string.h>

int main(){
    int result=printf("Akshay");
    printf("\nsize of above string=%d",result);
    return 0;
}
```

Q.6

```
//WAP to print the name of the user in double quotes.
///Solution:
#include<stdio.h>

int main(){
    printf("\"Hello, Amit Kumar\"");
    return 0;
}
```

Q.7

```
//WAP to print "%d" on the screen.  
//Solution:  
#include<stdio.h>  
  
int main(){  
    printf("%d");  
    return 0;  
}
```

Q.8

```
//WAP to print "\n" on the screen.  
//Solution:  
#include<stdio.h>  
  
int main(){  
    printf("\n");  
    return 0;  
}
```

Q.9

```
//WAP to print "\\\" on the screen.  
//Solution:  
#include<stdio.h>  
  
int main(){  
    printf("\\\\");  
    return 0;  
}
```

Q.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)
```

```

*/
//Solution:
#include<stdio.h>

int main(){
    int DD,MM,YYYY;
    printf("Enter the date with the given format: DD/MM/YYYY");
    scanf("%d/%d/%d",&DD,&MM,&YYYY);
    printf("Day - %d ,Month - %d , Year - %d",DD,MM,YYYY);
    return 0;
}

```

Q.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"*/
//Solution:
#include<stdio.h>

int main(){
    int HH,MM;
    printf("Enter the hour and minute in given format:HH:MM ");
    scanf("%d:%d",&HH,&MM);
    printf("%d hour and %d Minute",HH,MM);
    return 0;
}

```

Q.12

```

/*Find output of below code:
int main()
{
    int x = printf("ineuron");
    printf("%d",x);
    return 0;
} */
//Solution: ineuron7

```