

Assignment 1.

Input & output in C language

1 → WAP to print Hello Students on the screen.

#include <stdio.h>

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

2 → WAP to print Hello in the first line
& students in the second line.

#include <stdio.h>

```
int main()
```

```
{
    printf("Hello\nStudents");
```

3. WAP to print "MyFirst" on the Screen.

Q.

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

```
int main()
```

```
{ printf("My Design \n");  
return 0;
```

3

Q → WAP to find area of circle.

~~#include~~

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

```
int main()
```

```
{ float pi, r, A ;
```

printf("enter the radius of circle")
scanf("%f", &r);

$A = \pi * r * r;$

printf("The area of circle is %f", A)

return 0;

3

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

#include <stdio.h>

Sol

```

int main()
{
    char str[100]; int i, length = 0;
    printf("enter a string : ");
    scanf("%s", str);
    for(i=0; str[i] != '\0'; i++)
    {
        length++;
    }
    printf("length of string : %d", length);
    return 0;
}

```

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

Sol

```

#include <stdio.h>
int main()
{
    int a;
    printf("enter the name");
    scanf("%s", &a);
    printf("name of user is %s", "A");
    return 0;
}

```

Q-7 WAP to print "A" on screen.

#include <stdio.h>

int main()

```

{
    printf("A");
    return 0;
}

```

8) WAP to print "1H" on screen.

#include <stdio.h>

```
int main()
{ printf("1H");
  return 0;
}
```

9) WAP to print "11" on screen.

#include <stdio.h>

```
int main()
{ printf("11");
  return 0;
}
```

12. Find output of below code:

int main()

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

y

The output is :- ineuron7