

## DAY-1: For Loop

Dr. Rahul Das Gupta

```
#include<stdio.h> /* Preprocessor Statement*/
```

```
/*=====
```

**stdio.h** : standard input output header file

Standard Input Device: Keyboard

Standard Output Device: Monitor

& is Address of Operator.

&n = Address of n

&i = Address of i



```
=====*/
```

```
void main()
```

```
{
```

```
    int i,n;
```

```
    printf("\n Enter the no. of lines:");
```

```
    scanf("%d",&n);
```

```

/* i : a loop counter */
for(i=0; i<n; i++)
{
    printf("\n India");
    printf(" West Bengal");
}
}
/* =====

```

Two types of functions:

1. **Standard Library Function:** Examples : `scanf`, `printf`  
 their definition is written in `stdio.h`

2. **User Defined Function:** There is no user defined  
 function in this program.

**scanf:** Scan the input from the standard input device  
 according to given format.

**printf:** Print according to given format.

'\n': New line character.

=====\*/

## Output:

Enter the no. of lines: 3

India West Bengal

India West Bengal

India West Bengal

**n=3**

