

## Assignment Answer Of Day 2ed lecture Of DSA

### Program-1:

Finding output this code:

```
/*
   Aurthor--Yashodip Beldar
   Date--24/7/2022
   Purpose--finding output.
*/
#include <stdio.h>
void fun(int n)
{
    if (n == 0)
        return;
    else
        fun(n - 1);
    printf("%d", n);
}
#include <stdio.h>
void main()
{
    int n;
    printf("Enter number: ");
    scanf("%d", &n);
    fun(n);
}
```

### Output:

Enter number: 4

**1234**

**Ans:** Simply it prints the natural number upto given limit.

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## Assignment Answer Of Day 2ed lecture Of DSA

### Program -2:

```
/*
    Aurthor--Yashodip Beldar
    Date--24/7/2022
    Purpose--Recursive tree Day 2 assignment 2.
*/
#include <stdio.h>
void get(int n)
{
    if (n < 1)
        return;
    else
    {
        get(n - 1);
        get(n - 3);
        printf("%d", n);
    }
}
void main()
{
    printf("Outuput:\n");

    get(4);
}
```

**Output:**

**Outuput:**

**12314**