DAY - 10

C:

```c
#include <stdio.h>
int main()
{
    int num,res=1;
    scanf("%d",&num);
    for(int itr=num;itr>0;itr--)
    {
        res = res*itr;
    }
    printf("%d",res);
    return 0;
}
```

Python:

```python
def fact(n):
    if(n==0 or n==1):
        return 1
    else:
        return n * fact(n-1)

n = int(input())
print(fact(n))
```