

```
#include<stdio.h>
int main(){

    int n, fact, i;
    printf("enter a number : ");
    scanf("%d", &n);

    fact = 1;
    i = 1;

    while (i<=n){
        fact=fact*i;
        i=i+1;
    }

    printf("factorial of %d is : %d \n", n,fact);

    return 0;
}
```