

3.

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

```
int main() {
```

```
    int i, n;
```

```
    long long fact = 1;
```

```
    printf("Enter a number: ");
```

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

```
    for(i=1; i<=n; i++) {
```

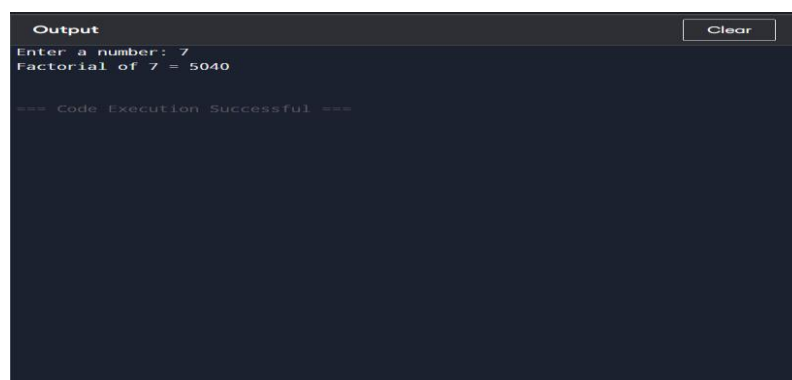
```
        fact *= i;
```

```
    }
```

```
    printf("Factorial of %d = %lld\n", n, fact);
```

```
    return 0;
```

```
}
```



```
Output
Enter a number: 7
Factorial of 7 = 5040

=== Code Execution Successful ===
```