```c
#include <stdio.h>
int fact(int n)
{
if(n<=1)
{
return 1;
}
else
{
return n*fact(n-1);
}}
int main()
{
int a;
printf("Enter a number: ");
scanf("%d",&a);
printf("The factorial is: %d",fact(a));
}
```

```
miruthi@Miruthis-MacBook-Air Desktop % gcc q2.c -o q2
[miruthi@Miruthis-MacBook-Air Desktop % ./q2
 Enter a number: 5
 The factorial is: 120%
```