/* 5. Write a C program to find Factorial of a given number using Recursion */

```
#include<stdio.h>
long factorial(int n) {
if (n == 0)
return 1;
else
return(n * factorial(n-1));
}
int main() {
int number;
long fact;
printf("Enter a number: ");
scanf("%d", &number);
fact = factorial(number);
printf("Factorial of %d is %ld\n", number, fact);
return 0;
}
```