Factorial with recursion

```c
#include<stdio.h>
int  factorial(int x){
if(x ==0){
return 1;
}
else{
return factorial(x-1)*x;
}
}
int main(){
int n;
printf("Enter A Number : ");
scanf("%d", &n);
int fac = factorial(n);
printf("Factorial : %d", fac);
}
```

Output:

```
Enter A Number : 6
Factorial : 720
Process returned 0 (0x0)   execution time : 4.454 s
Press any key to continue.
```