Finding factorial of a number using Recursion:

```c
#include<stdio.h>

int fact(int n)

{

   if (n>1)

      return n*fact(n-1);

   else

      return 1;


}

void main()

{

   int n,r;

   printf("enter N : ");

   scanf("%d",&n);

   r=fact(n);

   printf("factorial(%d)=%d",n,fact(n));

}
```

Output:

```
enter N : 6
factorial(6)=720
Process returned 16 (0x10)    execution time : 2.990 s
Press any key to continue.
```