PATRICIAL NO 29

HIREN LALANI

ER NO.200220131050

AIM--Write a program to find factorial of a number using recursion.

PATRICIAL NO 29

AIM--'Write a program to find factorial of a number using recursion.

```c
#include<stdio.h>
int fact(int);


int main()
{
  int n;
  printf("enter the no.");
    scanf("%d",&n);
      printf("the fact is %d",fact(n));


      return 0;
}
int fact(int n)
{
if(n==0)
{
    return 1;
}

  return n*fact(n-1);


}
```

Compile Result

```
enter the no.5
the fact is 120
[Process completed - press Enter
]
```