

## 4.factorial of a number using recursion :-

```
#include<stdio.h>

int main(){

    int i,f=1, num;

    printf("Enter a number: ");

    scanf("%d", &num);

    for(i=1;i<=num;i++)

        f = f * i;

    printf("%d! = %d\n", num, f);

    return 0;

}
```

## Output :-

