```c
1:  # include <stdio.h>
2:   int main(){
3:       int i,fact=1,num;
4:       printf("enter the no:");
5:       scanf("%d",&num);
6:       for (i=1;1<=num;i++)
7:        {
8:           fact=fact*i;
9:        }
10:      printf("factorial of %d is : %d",num,fact);
11:      return 0;
12:  }
```