```c
1: # include <stdio.h>
2:  int main()
3:  {
4:      int i,fact=1,num;
5:      printf("enter the no:");
6:      scanf("%d",&num);
7:      for (i=1;i<=num;i++)
8:       {
9:          fact=fact*i;
10:      }
11:      printf("factorial of %d is : %d",num,fact);
12:      return 0;
13:  }
```