```c
1   //1. Write a C program to find the factorial of a number and also find the value of nCr using this
    function.
2   //Find the value of nCr using 'factorial function:
3
4   #include<stdio.h>
5   int fact(n){
6       int i,f=1;
7       for(i=1;i<=n;i++){
8           f*=i;
9       }
10      return f;
11
12  }
13  int main(){
14      int n,r;
15      float ncr;
16      printf("Enter n : ");
17      scanf("%d",&n);
18      printf("Enter r : ");
19      scanf("%d",&r);
20
21
22      ncr=fact(n)/(fact(r)*fact(n-r));
23
24      printf("nCr = %f",ncr);
25
26
27      return 0;
28  }
```