**write a c program to find out NCR factor of given number**

#include<stdio.h>

int main(){

  int n,r,ncr;

  printf("Enter any two numbers->");

  scanf("%d %d",&n,&r);

  ncr=fact(n)/(fact(r)\*fact(n-r));

  printf("The NCR factor of %d and %d is %d",n,r,ncr);

  return 0;

}

 int fact(int n){

  int i=1;

  while(n!=0){

      i=i\*n;

      n--;

  }

  return i;

 }

**Algorithm:**  
  
**In the mathematics nCr has defined as**

nCr = n! /((n-r)!r!)