



C-Pool

problem 113

NCR and NPR

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## Example description

**Write a c program to find out NCR and NPR of given number using functions.**

### **Algorithm:**

In the mathematics nCr and npr has defined as

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

$$nPr = n! / (n-r)!$$

## Expected Output

```
Enter the value of n and r  
5  
2  
5C2 = 10  
5P2 = 20
```