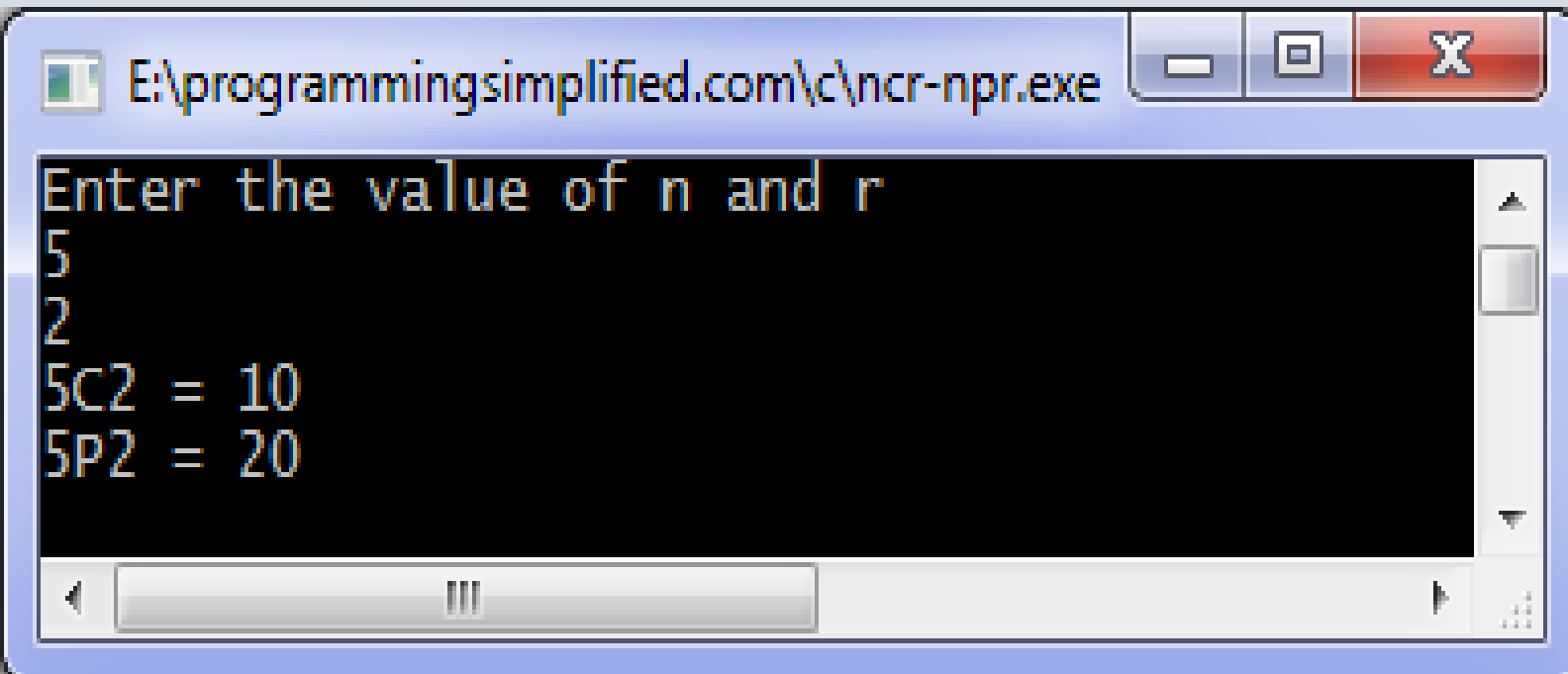


problem 10



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



The screenshot shows a Windows-style application window titled "E:\programmingsimplified.com\c\ncr-npr.exe". The window contains a black text area with yellow text. The text area displays the prompt "Enter the value of n and r", followed by the input "5" and "2". Below the input, the output shows "5C2 = 10" and "5P2 = 20". The window has standard Windows controls (minimize, maximize, close) in the title bar and a scrollbar on the right side.

```
E:\programmingsimplified.com\c\ncr-npr.exe  
Enter the value of n and r  
5  
2  
5C2 = 10  
5P2 = 20
```



Algorithm:

In the mathematics nCr and nPr has defined as

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

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

