

/*RECBICOFF*/

```
#include<iostream.h>
#include<conio.h>
#include<process.h>
int recbicoeff(int,int);
void main()
{
    int n,r,ncr;
    clrscr();
    cout<<"Enter the values of n and r";
    cin>>n>>r;
    ncr=recbicoeff(n,r);
    cout<<"Binomial coefficient is"<<ncr;
    getch();
}

int recbicoeff(int x,int y)
{
    if(y>x)
    {
        cout<<"The values of n can't be less than r";
        getch();
        exit(1);
    }
    if(y==0 || y==x) /*Terminating condition*/
    {
        return(1);
    }
    else
    {
        return(recbicoeff(x-1,y-1)+recbicoeff(x-1,y));
    }
}
```