

/*POWER*/

```
#include<iostream.h>
#include<conio.h>
int power(int,int);
void main()
{
    int n,p,result;
    clrscr();
    cout<<"Enter the number";
    cin>>n;
    cout<<"Enter the power to be calculated";
    cin>>p;
    result=power(n,p);
    cout<<"The reverse of number"<<n<<"is"<<"to power"<<p<<"is"<<result;
    getch();
}

int power(int n,int p)
{
    static int r=1;
    if(p==0)
    {
        return(1);
    }
    else
    {
        r=r*n;
        power(n,p-1);
    }
    return(r);
}
```