```c
#include<stdio.h>
#include<math.h>
int main(){
    int x=1,n,i=0;
    int sum=0;
    printf("enter the number n and
        power x");
    scanf("%d%d",&n,&x);
    while(i<=x){
        sum=sum+pow(n,i);
        i=i+1;
    }
    printf("%d",sum);
    return(0);
}
```

```
/tmp/WzSMhUVduq.o
enter the number n and power x5 3
156
```