

```
1  #include<stdio.h>
2  int main(){
3  //n = 10; 1+2+3....+10 = 55
4  int n;
5  printf("Enter a number: ");
6  scanf("%d",&n);
7  int sum = 0;
8  for(int i=1;i<=n;i++){
9      if(i==n){
10         printf("%d^2(%d) \n",i,i*i);
11     }else{
12         printf("%d^2(%d) + \n",i,i*i);
13     }
14
15     sum = sum+i*i;//i^2,
16 }
17 printf("= %d",sum);
18 return 0;
19 }
20
```