

```
#include<stdio.h>
#include<conio.h>
void main()
{
int NUM,i,j,SUM=0;

printf("\nENTER INTERGER NUMBER");
scanf("%d",&NUM);
for(i=1;i<NUM+1;i++)
{
if(i%2!=0)
{
SUM=SUM+(i*i);
}
}
printf("\nTHE SUM OF SQUARE OF ODD NOS. TILL %d NO. IS : %d",NUM,SUM);
getch();
}
```

OUTPUT

```
ENTER INTERGER NUMBER 12
```

```
THE SUM OF SQUARE OF ODD NOS. TILL 12 NO. IS : 286
```

HANDWRITTEN CODE

Develop a program to calculate the sum of squares of first n odd numbers.

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int NUM, i, j, SUM = 0;
    printf("\n Enter integer number");
    scanf("%d", &NUM);
    for (i = 1, i < NUM + 1; i++)
    {
        if (i % 2 != 0)
        {
            SUM = SUM + (i * i);
        }
    }
    printf("\n The sum of square of odd numbers till %d number is: %d", NUM, SUM);
    getch();
}
```