

**Take an array of length 10. Now populate the array by taking inputs from the user. The inputs should range from 0 to 5. The user should give exactly 5 odd and 5 even numbers. Now find the sum of every odd number to the power of every even number of the same order. Lastly, print the sum.**

**Sample Input:**

5 2 0 1 4 3 3 4 2 1

**Sample Output:**

Sum is 189

**Explanation:**

We will follow the order in which the input was provided

1st even number = 2

2nd even number = 0

3rd even number = 4

4th even number = 4

5th even number = 2

1st odd number = 5

2nd odd number = 1

3rd odd number = 3

4th odd number = 3

5th odd number = 1

So the sum will be:

$$5^2 + 1^0 + 3^4 + 3^4 + 1^2 = 25 + 1 + 81 + 81 + 1 = 189$$