

**3. Given an array of n elements , the program have to find the sum of the values that are present in non prime indexes of the array.**

**Program:**

```
import java.util.Scanner;

public class SumNonPrimeIndexes {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter the size of the array: ");

        int size = scanner.nextInt();

        int[] array = new int[size];

        System.out.println("Enter " + size + " elements:");

        for (int i = 0; i < size; i++) {

            array[i] = scanner.nextInt();

        }

        int sum = 0;

        for (int i = 0; i < size; i++) {

            if (!isPrime(i)) {

                sum += array[i];

            }

        }

        System.out.println("Sum of values at non-prime indexes: " + sum);

        scanner.close();

    }

    public static boolean isPrime(int num) {

        if (num <= 1) return false;

        for (int i = 2; i * i <= num; i++) {

            if (num % i == 0) return false;

        }

        return true;

    }

}
```

**Output:**

```
Enter the size of the array: 10
Enter 10 elements:
10
20
30
40
50
60
70
80
90
100
Sum of values at non-prime indexes: 340
```

```
Enter the size of the array: 2
Enter 2 elements:
-2
-4
Sum of values at non-prime indexes: -6
```