

# REMOVE PRIMES FROM FILE

## Code:

```
2 package com.mycompany.removeprimesfromfile;
3
4 import java.io.File;
5 import java.io.FileWriter;
6 import java.io.IOException;
7 import java.util.Scanner;
8 public class RemovePrimesFromFile {
9
10     public static void main(String[] args) {
11         int[] numbers = new int[10];
12         int count = 0;
13         try {
14             File file = new File("C:\\Users\\COMPUTER ARENA"
15                                 + "\\Desktop\\FileHandling\\numbers.txt");
16             Scanner sc = new Scanner(file);
17             while (sc.hasNextInt() && count < 10) {
18                 numbers[count] = sc.nextInt();
19                 count++;
20             }
21             sc.close();
22             FileWriter writer = new FileWriter(file);
23             for (int i = 0; i < count; i++) {
24                 if (!isPrime(numbers[i])) {
25                     writer.write(numbers[i] + "\n");
26                 }
27             }
28             writer.close();
29             System.out.println("Prime numbers removed and file updated.");
30         } catch (IOException e) {
31             System.out.println("Error: " + e.getMessage());
32         }
33     }
34     public static boolean isPrime(int num) {
35         if (num <= 1)
36             return false;
37         for (int i = 2; i <= num / 2; i++) {
38             if (num % i == 0)
39                 return false;
40         }
41         return true;
42     }
43 }
```

## Output:

Prime numbers removed and file updated.