

CreateFiles.java

```
1 import java.io.File;
2
3
4
5 /**
6  * This class is responsible of generating files of the sizes 100M, 250M, 500M, 1G, 2G & 3G.
7  * @author Minghao Shan
8  * @version 10/5/2017
9  */
10 public class CreateFiles {
11     public static void createFiles(int size) throws IOException
12     {
13         File file = new File(size + "Mb.txt");
14         FileWriter writer = new FileWriter(file);
15         int iterations = size * 1024 * 32;
16         for (int i = 0; i < iterations; i++)
17         {
18             writer.write("We can make it! We can make it! ");
19         }
20         System.out.println(size + "Mb.txt created!");
21         writer.close();
22     }
23
24     /**
25      * Main program
26      */
27
28     public static void main(String args[]) {
29         try {
30             createFiles(100);
31             createFiles(200);
32             createFiles(500);
33             createFiles(1024);
34             createFiles(2048);
35             createFiles(3096);
36         } catch (IOException e) {
37             System.err.println("Error creating or writing file.");
38         }
39     }
40 }
41
42
```