

```
1 import java.io.*;
2 import java.net.ServerSocket;
3 import java.net.Socket;
4 import java.util.UUID;
5
6 public class server {
7     public static void main(String[] args) {
8         try {
9             // Create a server socket listening on
            port 8080
10             ServerSocket serverSocket = new
                ServerSocket(8080);
11             System.out.println("Server is listening
                on port 8080...");
12
13             // Wait for a client to connect
14             Socket clientSocket = serverSocket.accept
                ();
15             System.out.println("Client connected.");
16
17             // Create input stream for communication
                with the client
18             BufferedReader in = new BufferedReader(
                new InputStreamReader(clientSocket.getInputStream
                    ()));
19
20             // Read the number of files to expect
21             int numFiles = 20;
22
23             System.out.println("Expecting " +
                numFiles + " files from the client.");
24
25             // Receive files from the client
26             for (int i = 0; i < numFiles; i++) {
27                 // Generate a random file name
28                 String fileName = UUID.randomUUID().
                    toString() + ".txt";
29
30                 // Read the file content from the
                client
31                 StringBuilder fileContent = new
```

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31 StringBuilder();
32         String line;
33         while ((line = in.readLine()) != null
34             && !line.equals("END_OF_FILE")) {
35             fileContent.append(line).append("\n");
36         }
37         // Save the file content to a file
38         try (FileOutputStream
39             fileOutputStream = new FileOutputStream("received_"
40                 + fileName)) {
41             fileOutputStream.write(
42                 fileContent.toString().getBytes());
43             System.out.println("File content
44                 saved to received_" + fileName);
45         } catch (IOException e) {
46             System.err.println("Error saving
47                 file content to received_" + fileName);
48             e.printStackTrace();
49         }
50     }
51     // Close the streams and sockets
52     in.close();
53     clientSocket.close();
54     serverSocket.close();
55 } catch (IOException e) {
56     e.printStackTrace();
57 }
```