**Source Code of Java code to read, write, and append to a file**

1. **For creating a file:**
2. **import** java.io.File; // Import the File class
3. **import** java.io.IOException; // Import the IOException class to handle errors
4. **public** **class** CreateNewFile {
5. **public** **static** **void** main(String[] args) **throws** IOException {
6. *createFileUsingFileClass*();
7. }
9. **private** **static** **void** createFileUsingFileClass() **throws** IOException
10. {
11. **try** {
12. File myObj = **new** File("C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\filehandling\\filename.txt");
13. **if** (myObj.createNewFile()) {
14. System.***out***.println("File created: " + myObj.getName());
15. } **else** {
16. System.***out***.println("File already exists.");
17. }
18. } **catch** (IOException e) {
19. System.***out***.println("An error occurred.");
20. e.printStackTrace();
21. }
22. }
23. }

**2. For Writing into a file:**

1. **import** java.io.FileWriter; // Import the FileWriter class
2. **import** java.io.IOException; // Import the IOException class to handle errors
3. **public** **class** WriteToFile {
4. **public** **static** **void** main(String[] args) {
5. **try** {
6. FileWriter myWriter = **new** FileWriter("C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\filehandling\\filename.txt");
7. myWriter.write("Files in Java might be tricky, but it is fun enough to learn new skills daily.!");
8. myWriter.close();
9. System.***out***.println("Successfully wrote to the file.");
10. } **catch** (IOException e) {
11. System.***out***.println("An error occurred.");
12. e.printStackTrace();
13. }
14. }
15. }

**3. For Reading a file:**

* 1. **import** java.io.File; // Import the File class
  2. **import** java.io.FileNotFoundException; // Import this class to handle errors
  3. **import** java.util.Scanner; // Import the Scanner class to read text files
  4. **public** **class** ReadFile {
  5. **public** **static** **void** main(String[] args) {
  6. **try** {
  7. File myObj = **new** File("C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\filehandling\\filename.txt");
  8. Scanner myReader = **new** Scanner(myObj);
  9. **while** (myReader.hasNextLine()) {
  10. String data = myReader.nextLine();
  11. System.***out***.println(data);
  12. }
  13. myReader.close();
  14. } **catch** (FileNotFoundException e) {
  15. System.***out***.println("An error occurred.");
  16. e.printStackTrace();
  17. }
  18. }
  19. }

**4. For Appending a text into a file:**

**import** java.io.FileWriter;

**import** java.io.BufferedWriter;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**public** **class** AppendToFile {

**public** **static** **void** main(String[] args) {

**try** (FileWriter f = **new** FileWriter("C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\filehandling\\filename.txt", **true**);

BufferedWriter b = **new** BufferedWriter(f);

PrintWriter p = **new** PrintWriter(b);)

{p.println("appending text into file");

System.***out***.print("append Successfully");}

**catch** (IOException i)

{ i.printStackTrace();

System.***out***.print("Error occured");}

}

}