

OneCompiler

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FileRead.java

433w8c4g9

AI NEW JAVA RUN


```
1 import java.io.*;
2 import java.nio.file.*;
3
4 public class FileRead {
5     public static void main(String[] args) {
6         Path filePath = Paths.get("C:/JavaProgramming/sample.txt");
7
8         try (BufferedReader br = Files.newBufferedReader(filePath)) {
9             String line;
10            while ((line = br.readLine()) != null) {
11                System.out.println(line);
12            }
13        } catch (IOException e) {
14            System.err.println("Error: " + e.getMessage());
15        }
16    }
17 }
18
```

STDIN

Input for the program (Optional)

Output:

Error: C:/JavaProgramming/sample.txt

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FileDeletion.java + 433w8c4g9

AI NEW JAVA RUN

STDIN
Input for the program (Optional)

Output:
File not found: C:/JavaProgramming/gameData/Highscores.txt

```
1 import java.io.IOException;
2 import java.nio.file.*;
3
4 public class FileDeletion {
5     public static void main(String[] args) {
6         Path filePath = Paths.get("C:/JavaProgramming/gameData/Highscores.txt");
7
8         try {
9             if (Files.exists(filePath)) {
10                 Files.delete(filePath);
11                 System.out.println("File deleted: " + filePath);
12             } else {
13                 System.out.println("File not found: " + filePath);
14             }
15         } catch (IOException e) {
16             System.err.println("Error: " + e.getMessage());
17         }
18     }
19 }
20
```

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FileCopyMove.java + 433w8c4g9

AI NEW JAVA RUN

```
1 import java.io.IOException;
2 import java.nio.file.*;
3 import static java.nio.file.StandardCopyOption.*;
4
5 public class FileCopyMove {
6     public static void main(String[] args) {
7         Path sourceFile = Paths.get("C:/JavaProgramming/sample.txt");
8         Path backupFile = Paths.get("C:/JavaProgramming/backup/sample_backup.txt");
9
10        try {
11            Files.createDirectories(backupFile.getParent());
12            Files.copy(sourceFile, backupFile, REPLACE_EXISTING, COPY_ATTRIBUTES);
13            System.out.println("File copied to: " + backupFile);
14
15            Path movedFile = Paths.get("C:/JavaProgramming/moved_sample.txt");
16            Files.move(backupFile, movedFile, REPLACE_EXISTING);
17            System.out.println("File moved to: " + movedFile);
18        } catch (IOException e) {
19            System.err.println("Error: " + e.getMessage());
20        }
21    }
22 }
23
```

STDIN

Input for the program (Optional)

Output:

Error: /C:

```
1 import java.io.IOException;
2 import java.nio.file.*;
3
4 public class FileAndDirectoryCreation {
5     public static void main(String[] args) {
6         Path dirPath = Paths.get("C:/JavaProgramming/gameData");
7         Path filePath = Paths.get("C:/JavaProgramming/gameData/Highscores.txt");
8
9         try {
10             if (Files.notExists(dirPath)) {
11                 Files.createDirectories(dirPath);
12                 System.out.println("Directory created: " + dirPath);
13             }
14             if (Files.notExists(filePath)) {
15                 Files.createFile(filePath);
16                 System.out.println("File created: " + filePath);
17             }
18         } catch (IOException e) {
19             System.err.println("Error: " + e.getMessage());
20         }
21     }
22 }
23
```

STDIN

Input for the program (Optional)

Output:

Error: /C:

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FilePropertiesCheck.java

433w8c4g9

AI NEW JAVA RUN


```
1 import java.nio.file.*;
2
3 public class FilePropertiesCheck {
4     public static void main(String[] args) throws Exception {
5         Path filePath = Paths.get("C:/JavaProgramming/sample.txt");
6
7         System.out.println("Readable : " + Files.isReadable(filePath));
8         System.out.println("Writable : " + Files.isWritable(filePath));
9         System.out.println("Executable: " + Files.isExecutable(filePath));
10        System.out.println("Hidden   : " + Files.isHidden(filePath));
11    }
12 }
13
```

STDIN

Input for the program (Optional)

Output:

Readable : false
Writable : false
Executable: false
Hidden : false

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FileExistenceCheck.java

433w8c4g9

AI NEW JAVA RUN

```
1 import java.nio.file.*;
2
3 public class FileExistenceCheck {
4     public static void main(String[] args) {
5         Path path = Paths.get("C:/JavaProgramming/I02");
6
7         boolean exists = Files.exists(path);
8         System.out.println("Exists? " + exists);
9
10        boolean notExists = Files.notExists(path);
11        System.out.println("Not Exists? " + notExists);
12    }
13 }
14
```

STDIN

Input for the program (Optional)

Output:

Exists? false
Not Exists? true