How to create a File in Java

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In this tutorial we will see how to create a file in Java using `createNewFile()` method. This method creates an empty file, if the file doesn't exist at the specified location and returns true. If the file is already present then this method returns false. It throws:

`IOException` – If an Input/Output error occurs during file creation.
`SecurityException` – If a security manager exists and its `SecurityManager.checkWrite(java.lang.String)` method denies write access to the file.

Complete code:
The below code would create a txt file named "newfile.txt" in C drive. You can change the path in the below code in order to create the file in different directory or in different drive.

```java
package beginnersbook.com;
import java.io.File;
import java.io.IOException;

public class CreateFileDemo
{
   public static void main( String[] args )
   {
      try {
            File file = new File("C:\\newfile.txt");
            /*If file gets created then the createNewFile()
             * method would return true or if the file is
             * already present it would return false
             */
            boolean fvar = file.createNewFile();
            if (fvar){
                System.out.println("File has been created successfully");
            }
            else{
                System.out.println("File already present at the specified
location");
            }
        } catch (IOException e) {
                System.out.println("Exception Occurred:");
                e.printStackTrace();
        }
   }
}
```