

FILE HANDLING

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In Java File handling is done with the help of File class of java.io.

Syntax to declare a File:

```
import java.util.*; File;
```

```
File obj = new File("filename.txt");
```

Methods:

(filename.method())

→ Creating new file

- createNewFile()

→ Writing to a file

- File ~~new~~ writer class is used with its write method & close() method when we finish writing

- write()

- close()

→ Reading a file

- Scanner class is used to read a file
- It is imp. to enclose the method in a try & catch block to handle IO Exception.

→ Deleting a file

- delete()

→ E.g. Code

```
File myFile = new File("CWH_file1.txt");
```

```
try {
```

```
    myFile.createNewFile();
```

```
    sout("Success");
```

```
    }
```

```
catch (IOException e) {
```

```
    e.printStackTrace();
```

```
    }
```

```
}  
try {
```

```
try {
```

```
    FileWriter fw = new FileWriter("CWH_file1.txt");
```

```
    fw.write("Adwait is good");
```

```
    fw.close();
```

```
    }
```

```
catch (IOException e) {
```

```
    e.printStackTrace();
```

```
    }
```

```
}  
  
try {
```

```
    Scanner sc = new Scanner(myFile);
```

```
    while (sc.hasNextLine()) {
```

```
        String line = sc.nextLine();
```

```
        sout(line);
```

```
    }
```



```
sc.close();
```

```
{
```

```
catch (FileNotFoundException e) {
```

```
    e.printStackTrace();
```

```
}
```

```
if (myFile.delete()) {
```

```
    sout("I have deleted" +
```

```
        myFile.getName());
```

```
}
```

```
else {
```

```
    sout("Error in deleting");
```

```
}
```

```
}
```

```
}
```

O/P :

Success

~~Keep learning, keep coding~~

adwait is good

" "

I have deleted CWH_file1.txt