```
letter = lowercaseText.charAt(i);
if("aeiou".contains(letter))
{
    vowelSum += 1;
}
```

Syntax error: the charAt gives a char variable but letter is a string variable. At the same time, letter needs to be a string to easily find the vowels using the method as shown.

```
while((lineInFile = readFile.readLine()) != null)
{
    lowercaseText = lineInFile.toLowerCase();

    for(int i = 0; i < lowercaseText.length(); i++ )
    {
        letter = String.valueOf(lowercaseText.charAt(i));
        if("aeiou".contains(letter))
        {
            vowelSum += 1;
        }
    }
}</pre>
```

Used the string method valueOf to convert from a char to a string.

```
■ 後 🕾
🐞 Debug 💢

    T WordGuess [Java Application]

▼ Mastery.WordGuess at localhost:63684

        Thread [main] (Running)
     🚅 C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_

    T WordGuess [Java Application]

▼ Mastery.WordGuess at localhost:51515
        Thread [main] (Running)
     🚅 C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_

    T CountVowels [Java Application]

▼ Mastery.CountVowels at localhost:51517

     ▼ 

Thread [main] (Class load: CountVowels)
           Class<T>.getDeclaredMethods0(boolean) line: not available [native method]
          Class<T>.privateGetDeclaredMethods(boolean) line: 3578
          Class<T>.getMethodsRecursive(String, Class<?>[], boolean) line: 3719
          Class<T>.getMethod0(String, Class<?>[]) line: 3705
          Class<T>.getMethod(String, Class<?>...) line: 2393
          MainMethodFinder.findMainMethod(Class<?>) line: 146
           LauncherHelper.validateMainClass(Class<?>) line: 880
           LauncherHelper.checkAndLoadMain(boolean, int, String) line: 718
     🚅 C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_
▼ J CountVowels [Java Application]

▼ Mastery.CountVowels at localhost:51624

▼ ★ Thread [main] (Class load: CountVowels)
           Class<T>.getDeclaredMethods0(boolean) line: not available [native method]
          Class<T>.privateGetDeclaredMethods(boolean) line: 3578
           Class<T>.getMethodsRecursive(String, Class<?>[], boolean) line: 3719
           Class<T>.getMethod0(String, Class<?>[]) line: 3705
```

Debug repeatedly shows up.

```
vowelSum += 1;
}

readFile.close();
in.close();

System.out.println("The total number of vowels are: " + vowelSu
}
//user wants to know the number of vowels inside a file name
```

File reader and buffered reader object weren't closed.