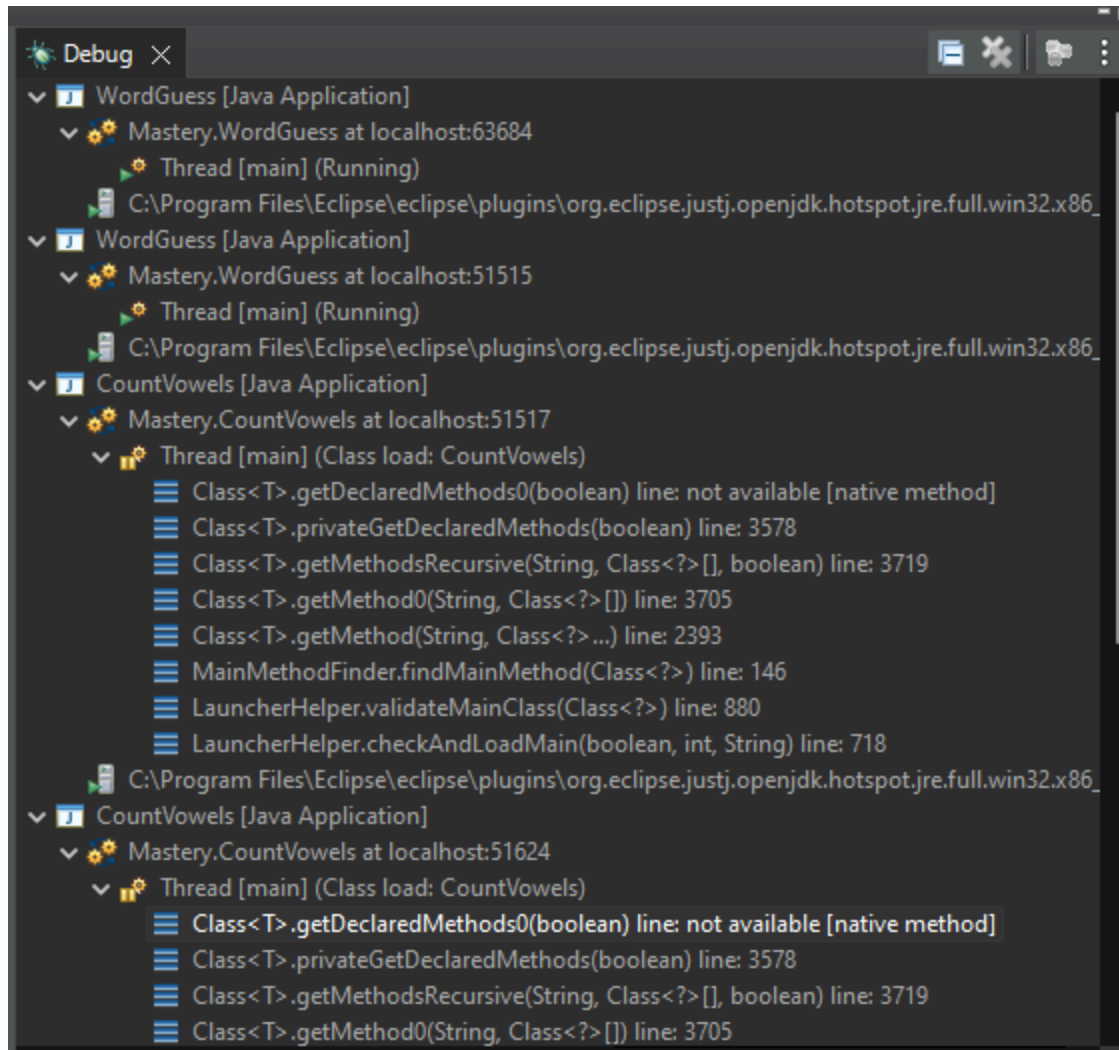```
letter = lowercaseText.charAt(i);
if("aeiou".contains(letter))
{
    vowelSum += 1;
}
```

*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.*

```
//update total vowels
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;
        }
    }

}
```

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

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.