

Instructions to run program with Command Prompt:














Folder containing Java classes:

Note: For convenience, please place the JAR files in the same folder as the Java classes.

Vanilla System

Share View

> Vanilla System

<input type="checkbox"/> Name	Date modified	Type	Size
 Boolean_Model.java	2019-02-19 3:44 PM	JAVA File	12 KB
 Description.java	2019-02-19 12:53 ...	JAVA File	2 KB
 DictionaryBuilder.java	2019-02-19 3:43 PM	JAVA File	12 KB
 MainPage.java	2019-02-19 4:00 PM	JAVA File	14 KB
 Preprocessor.java	2019-02-19 3:34 PM	JAVA File	4 KB
 Probabilistic.java	2019-02-19 1:37 PM	JAVA File	22 KB
 QueryPreprocessor.java	2019-02-19 3:36 PM	JAVA File	4 KB
 README.txt	2019-02-19 4:45 PM	Text Document	1 KB
 stopwords.txt	2019-01-23 1:46 PM	Text Document	2 KB
 Vanilla System.pdf	2019-02-19 4:38 PM	Adobe Acrobat D...	1,315 KB
 VSM.java	2019-02-19 1:43 PM	JAVA File	7 KB
 opennlp-tools-1.9.1.jar	2019-01-18 3:30 PM	Executable Jar File	1,220 KB
 jsoup-1.11.3.jar	2019-01-19 1:37 PM	Executable Jar File	387 KB

1. Compile classes:


























```
javac -cp opennlp-tools-1.9.1.jar;jsoup-1.11.3.jar -Xlint:unchecked *.java
```

Note: You will get warnings, but it can be ignored.

```
Command Prompt
C:\Users\viet_>cd Desktop\Vanilla System

C:\Users\viet_\Desktop\Vanilla System>javac -cp opennlp-tools-1.9.1.jar;jsoup-1.11.3.jar -Xlint:unchecked *.java
MainPage.java:129: warning: [unchecked] unchecked call to DefaultComboBoxModel(E[]) as a member of the raw type DefaultC
omboBoxModel
        modelType.setModel(new DefaultComboBoxModel(new String[] {"Boolean", "VSM", "Probabilistic"}));
                        ^
  where E is a type-variable:
    E extends Object declared in class DefaultComboBoxModel
MainPage.java:129: warning: [unchecked] unchecked call to setModel(ComboBoxModel<E>) as a member of the raw type JComboB
ox
        modelType.setModel(new DefaultComboBoxModel(new String[] {"Boolean", "VSM", "Probabilistic"}));
                        ^
  where E is a type-variable:
    E extends Object declared in class JComboBox
MainPage.java:139: warning: [unchecked] unchecked call to DefaultComboBoxModel(E[]) as a member of the raw type DefaultC
omboBoxModel
        docCollection.setModel(new DefaultComboBoxModel(new String[] {"U of O courses", "Reuters"}));
                        ^
  where E is a type-variable:
    E extends Object declared in class DefaultComboBoxModel
MainPage.java:139: warning: [unchecked] unchecked call to setModel(ComboBoxModel<E>) as a member of the raw type JComboB
ox
        docCollection.setModel(new DefaultComboBoxModel(new String[] {"U of O courses", "Reuters"}));
                        ^
  where E is a type-variable:
    E extends Object declared in class JComboBox
4 warnings
C:\Users\viet_\Desktop\Vanilla System>
```

Classes should now be compiled in folder:

Vanilla System				
Share View				
Vanilla System				
<input type="checkbox"/> Name	Date modified	Type	Size	
 Boolean_Model.class	2019-02-26 3:12 PM	CLASS File	7 KB	
 Boolean_Model.java	2019-02-19 3:44 PM	JAVA File	12 KB	
 Description\$1.class	2019-02-26 3:12 PM	CLASS File	1 KB	
 Description.class	2019-02-26 3:12 PM	CLASS File	2 KB	
 Description.java	2019-02-19 12:53 ...	JAVA File	2 KB	
 DictionaryBuilder.class	2019-02-26 3:12 PM	CLASS File	8 KB	
 DictionaryBuilder.java	2019-02-19 3:43 PM	JAVA File	12 KB	
 jsoup-1.11.3.jar	2019-01-19 1:37 PM	Executable Jar File	387 KB	
 MainPage\$1.class	2019-02-26 3:12 PM	CLASS File	1 KB	
 MainPage\$2.class	2019-02-26 3:12 PM	CLASS File	5 KB	
 MainPage\$3.class	2019-02-26 3:12 PM	CLASS File	2 KB	
 MainPage.class	2019-02-26 3:12 PM	CLASS File	6 KB	
 MainPage.java	2019-02-19 4:00 PM	JAVA File	14 KB	
 opennlp-tools-1.9.1.jar	2019-01-18 3:30 PM	Executable Jar File	1,220 KB	
 Preprocessor.class	2019-02-26 3:12 PM	CLASS File	4 KB	
 Preprocessor.java	2019-02-19 3:34 PM	JAVA File	4 KB	
 Probabilistic.class	2019-02-26 3:12 PM	CLASS File	10 KB	
 Probabilistic.java	2019-02-19 1:37 PM	JAVA File	22 KB	
 QueryPreprocessor.class	2019-02-26 3:12 PM	CLASS File	4 KB	
 QueryPreprocessor.java	2019-02-19 3:36 PM	JAVA File	4 KB	
 README.txt	2019-02-19 4:45 PM	Text Document	1 KB	
 stopwords.txt	2019-01-23 1:46 PM	Text Document	2 KB	
 Vanilla System.pdf	2019-02-19 4:38 PM	Adobe Acrobat D...	1,315 KB	
 VSM.class	2019-02-26 3:12 PM	CLASS File	4 KB	
 VSM.java	2019-02-19 1:43 PM	JAVA File	7 KB	

2. Run MainPage:

java -cp .;opennlp-tools-1.9.1.jar;jsoup-1.11.3.jar MainPage

The screenshot shows two windows side-by-side. The left window is a Command Prompt running a Java command. The right window is the Vanilla Search Engine application.

Command Prompt:

```
Command Prompt - java -cp .;opennlp-tools-1.9.1.jar;jsoup-1.11.3.jar MainPage
MainPage.java:129: warning: [unchecked] unchecked call to DefaultComboBoxModel(E[]) as a member of the r
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C:\Users\viet\Desktop\Vanilla System>java -cp .;opennlp-tools-1.9.1.jar;jsoup-1.11.3.jar MainPage
```

Vanilla Search Engine:

Search Engine
(Please leave a space between each word/parentheses)

Query:

Type of Model: Document Collection:

☐ Stopword removal
☐ Stemming
☐ Normalization

Course ID	Title	Excerpt	Score
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