Appendix: Source Code

**public** **static** **void** typewriter(String dialogue){

//reset to defaults

*defaultValue*();

*choice1*.setVisible(**false**);

*choice2*.setVisible(**false**);

*choice3*.setVisible(**false**);

*choice4*.setVisible(**false**);

*unselect*.setVisible(**false**);

*display*.append(" ");

//displays string letter by letter (typewriter effect)

**for** (**int** i=0; i<dialogue.length(); i++){

*display*.append(dialogue.substring(i, i+1));

*display*.setCaretPosition(*display*.getDocument().getLength());

//try and catch for Thread.sleep, in case of errors.

**try** {

Thread.*sleep*(40);

} **catch** (InterruptedException e) {

System.*err*.println("Something went wrong");

}

}

//enables next button again to proceed with dialogue

*next*.setEnabled(**true**);

//sleeps, checks if needs to be paused and sleeps again if true

**while** (*pause* == **true**){

**try** {

Thread.*sleep*(50);

} **catch** (InterruptedException e) {

System.*err*.println("Something went wrong.");

}

}

//newline for splitting up sentences

*display*.append("\n");

}