**Computer Science AP**GUI Cheat Sheet

|  |  |
| --- | --- |
| Converting int to String | String s = Integer.toString(num) |
| Converting String to int | int x = Integer.parseInt(somestring) |
| Read String from textbox | String stuff = textboxName.getText() |
| Read int from textbox | int x = Integer.parseInt( textboxNum.getText() ) |
| Put a String into textbox | textboxName.setText( somestring ) |
| Put int into textbox | textboxName.setText( Integer.toString( num ) ) ortextboxName.setText( “” + num ) |
| enable a component | buttonGo.setEnabled(true) or false |
| hide a component | buttonGo.setVisible(false) or true |
|  |  |
| listbox: clearing | listbox.removeAll() |
| listbox: add item | listbox.add( somestring ) |
| listbox: remove item | listbox.remove( someindexposition ) |
| listbox: which is selected | int pos = listbox.getSelectedIndex() -1 is sent back when nothing is selected  |
| listbox: what is selected | String s = listbox.getSelectedItem() |
| listbox: manually select item | listbox.select( someindexnumber ) |
|  |  |
| option box that shows the user a message (requires *import javax.swing.JOptionPane; )*JOptionPane.showMessageDialog(null, "info", "info box: ", JOptionPane.INFORMATION\_MESSAGE); |
| option box that asks use to make decision (requires *import javax.swing.JOptionPane; )*int response = JOptionPane.showConfirmDialog(null, "really do it?", "title", JOptionPane.YES\_NO\_OPTION);if (response == JOptionPane.YES\_OPTION){ //they said yes, so do it!}else if (response == JOptionPane.No\_OPTION) { //they said no, get out of here! return;} |
|  |  |
|  |  |