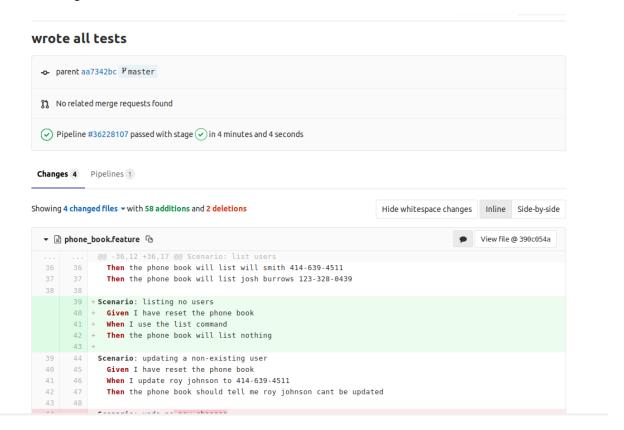
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Assignment 7

GitLab Repo: git@gitlab.com:Gorecki.Nicholas/as7-goreckinj.git

All Tests Passing:



Modifying error with History.java file

-Error made: Changed peek() to pop() in nextToUndo() method, line 38, for done_cmds stack

```
for(PhoneCommand c : undone_cmds)
    c.setBook(targetBook);
    PhoneCommand todo = done cmds.elementAt(i);
    todo.setBook(targetBook);
public PhoneCommand nextToUndo()
public PhoneCommand nextToRedo()
public void doCommand(PhoneCommand new cmd)
```

Output from pipelines (I couldn't capture the whole thing in one image, but you can see there are empty stack exceptions and unexpected outputs from tests):

```
at step_definitions.Shared.lambda$new$2(Shared.java:33)
        at *.Then the phone book should have adam burrow with number 414-872-6621(phone_book.feature:71)
org.junit.ComparisonFailure: expected:<[Phone # for dave blane: 283-293-9120]> but was:<[No phone entry for dave blane]>
        at org.junit.Assert.assertEquals(Assert.java:115)
        at org.junit.Assert.assertEquals(Assert.java:144)
        at step_definitions.Shared.lambda$new$2(Shared.java:33)
        at *. Then the phone book should have dave blane with number 283-293-9120(phone_book.feature:71)
org.junit.ComparisonFailure: expected:<[Phone # for bob saget: 414-639-4511]> but was:<[No phone entry for bob saget]>
        at org.junit.Assert.assertEquals(Assert.java:115)
        \verb"at org.junit.Assert.assertEquals" (Assert.java: 144)
        at step_definitions.Shared.lambda$new$2(Shared.java:33)
        at *. Then the phone book should have bob saget with number 414-639-4511(phone_book.feature:84)
org.junit.ComparisonFailure: expected:<...e # for josh smith: [262-208-8373]> but was:<...e # for josh smith: [414-639-4511]>
        at org.junit.Assert.assertEquals(Assert.java:115)
        at org.junit.Assert.assertEquals(Assert.java:144)
        at step_definitions.Shared.lambda$new$2(Shared.java:33)
        at *.Then the phone book should have josh smith with number 262-208-8373(phone_book.feature:97)
java.util.EmptyStackException
        at java.util.Stack.peek(Stack.java:102)
        at java.util.Stack.pop(Stack.java:84)
        at pbook.History.undo(History.java:62)
        at pbook.Phones.doUndo(Phones.java:138)
        at pbook.Phones.abstractMain(Phones.java:51)
        \verb|at step_definitions.Setup.outputLinesFromMainFor(Setup.java:37)|\\
        at step_definitions.Setup.execute(Setup.java:66)
        at step_definitions.UndoCommand.lambda$new$0(UndoCommand.java:21)
        at *.When I use the undo command(phone book.feature:102)
org.junit.ComparisonFailure: expected:<[No phone entry for josh smith]> but was:<[Phone # for josh smith: 414-639-4511]>
        at org.junit.Assert.assertEquals(Assert.java:115)
        at org.junit.Assert.assertEquals(Assert.java:144)
        at step_definitions.Shared.lambda$new$3(Shared.java:39)
        at *. Then the phone book should not have josh smith(phone_book.feature:112)
The command '/bin/sh -c cd /container; bash ./run-cucumber' returned a non-zero code: 1
ERROR: Job failed: exit code 1
```

Modifying error in features file:

-Error made: Changed line 97 from expecting the phone book to have josh smith to expecting the phone book to NOT have josh smith $\frac{1}{2}$

```
| josh smith | 414-639-4511 |
                                     steve harvy | 262-208-6621 |
     | adam burrow | 414-872-6621 |
                                       dan cutler | 843-293-3580 |
      dave blane | 283-293-9120 | arthur shwerin | 193-864-3402 |
Scenario: undo removes
  Given I have reset the phone book
  And have added bob saget 414-639-4511
  When I remove bob saget
  And I use the undo command
  Then the phone book should have bob saget with number 414-639-4511
Scenario: redo nothing
  Given I have reset the phone book
  When I use the redo command
  Then the phone book should tell me that no commands are to be redone
Scenario: redo updates
  Given I have reset the phone book
  And have added josh smith 414-639-4511
  When I update josh smith to 262-208-8373
  And I use the undo command
  And I use the redo command
  Then the phone book should not have josh smith
Scenario: redo adds
  Given I have reset the phone book
  And have added josh smith 414-639-4511
  When I use the undo command
  And I use the redo command
  Then the phone book should have josh smith with number 414-639-4511
Scenario: redo removes
  Given I have reset the phone book
  And have added josh smith 414-639-4511
  When I remove josh smith
  And I use the undo command
  And I use the redo command
  Then the phone book should not have josh smith
```

Output from Pipelines:

Pipelines Log after pushing all working tests as last commit:

