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G498M939
HW-3

A: Used tortoisSVN to add myWSU ID to the existing repository:
https://svn.riouxsvn.com/cs480wsu_1 and also to import into repo 3.

B: 7

```
/bin/bash                                              _ □ ✕
/bin/bash 80x24
g498m939@cslab-node-12:~$ cd Desktop
g498m939@cslab-node-12:~/Desktop$ svn checkout https://svn.riouxsvn.com/cs480wsu
_3/g498m939 copy1
Authentication realm: <https://svn.riouxsvn.com:443> RiouxSVN
Password for 'g498m939': ***********

Authentication realm: <https://svn.riouxsvn.com:443> RiouxSVN
Username: cs480wsu
Password for 'cs480wsu': ***********

A    copy1/calc
A    copy1/calc/branches
A    copy1/calc/branches/new_feature
A    copy1/calc/branches/new_feature/src
A    copy1/calc/branches/new_feature/src/Makefile
A    copy1/calc/branches/new_feature/src/button.c
A    copy1/calc/branches/new_feature/src/integer.c
A    copy1/calc/branches/new_feature/src/math.c
A    copy1/calc/tags
A    copy1/calc/trunk
A    copy1/calc/trunk/src
A    copy1/calc/trunk/src/Makefile
A    copy1/calc/trunk/src/button.c
A    copy1/calc/trunk/src/integer.c
```

B: 8-9

```
/bin/bash                                              _ □ ✕
/bin/bash 80x24
A    copy1/calc/trunk/src/integer.c
A    copy1/paint
A    copy1/paint/branches
A    copy1/paint/tags
A    copy1/paint/trunk
A    copy1/paint/trunk/src
A    copy1/paint/trunk/src/Makefile
A    copy1/paint/trunk/src/brush.c
A    copy1/paint/trunk/src/canvas.c
Checked out revision 230.
g498m939@cslab-node-12:~/Desktop$ cd copy1
g498m939@cslab-node-12:~/Desktop/copy1$ ls
calc  paint
g498m939@cslab-node-12:~/Desktop/copy1$ cat <<EOF > square.hs
> square x = x * x
> EOF
g498m939@cslab-node-12:~/Desktop/copy1$ svn add square.hs
A         square.hs
g498m939@cslab-node-12:~/Desktop/copy1$ svn commit -m "Added a square program"
Adding         square.hs
Transmitting file data .done
Committing transaction...
Committed revision 232.
g498m939@cslab-node-12:~/Desktop/copy1$ ▮
```

B: 10


```
/bin/bash                                                    _ □ ✗
                    /bin/bash 80x24
g498m939@cslab-node-12:~/Desktop$ svn checkout https://svn.riouxsvn.com/cs480wsu
_3/g498m939 copy2
A    copy2/calc
A    copy2/calc/branches
A    copy2/calc/branches/new_feature
A    copy2/calc/branches/new_feature/src
A    copy2/calc/branches/new_feature/src/Makefile
A    copy2/calc/branches/new_feature/src/button.c
A    copy2/calc/branches/new_feature/src/integer.c
A    copy2/calc/branches/new_feature/src/math.c
A    copy2/calc/tags
A    copy2/calc/trunk
A    copy2/calc/trunk/src
A    copy2/calc/trunk/src/Makefile
A    copy2/calc/trunk/src/button.c
A    copy2/calc/trunk/src/integer.c
A    copy2/paint
A    copy2/paint/branches
A    copy2/paint/tags
A    copy2/paint/trunk
A    copy2/paint/trunk/src
A    copy2/paint/trunk/src/Makefile
A    copy2/paint/trunk/src/brush.c
A    copy2/paint/trunk/src/canvas.c
```

B: 11


```
g498m939@cslab-node-12:~/Desktop/copy1$ sed -i 's/square/squareNum/g' square.hs
g498m939@cslab-node-12:~/Desktop/copy1$ svn commit -m "Changed some functions"
Sending        square.hs
Transmitting file data .done
Committing transaction...
Committed revision 235.
g498m939@cslab-node-12:~/Desktop/copy1$ cd
g498m939@cslab-node-12:~$ cd Desktop
g498m939@cslab-node-12:~/Desktop$ cd copy2
g498m939@cslab-node-12:~/Desktop/copy2$ echo "Square any number" >> square.hs
g498m939@cslab-node-12:~/Desktop/copy2$ svn commit -m "added a comment"
Sending        square.hs
Transmitting file data .svn: E155011: Commit failed (details follow):
svn: E155011: File '/opt/homes/stu01/g498m939/Desktop/copy2/square.hs' is out of
 date
svn: E170004: File '/g498m939/square.hs' is out of date
```

```
g498m939@cslab-node-12:~/Desktop/copy2$ svn update
Updating '.':
C     square.hs
Updated to revision 238.
Summary of conflicts:
  Text conflicts: 1
Conflict discovered in file 'square.hs'.
Select: (p) postpone, (df) show diff, (e) edit file, (m) merge,
        (mc) my side of conflict, (tc) their side of conflict,
        (s) show all options: s

  (e)  - change merged file in an editor  [edit]
  (df) - show all changes made to merged file
  (r)  - accept merged version of file  [working]

  (dc) - show all conflicts (ignoring merged version)
  (mc) - accept my version for all conflicts (same)  [mine-conflict]
  (tc) - accept their version for all conflicts (same)  [theirs-conflict]

  (mf) - accept my version of entire file (even non-conflicts)  [mine-full]
  (tf) - accept their version of entire file (same)  [theirs-full]

  (m)  - use merge tool to resolve conflict
  (l)  - launch external merge tool to resolve conflict  [launch]
        (s) show all options: m
Merging 'square.hs'.
Conflicting section found during merge:
(1) their version (at line 1)         |(2) your version (at line 2)
-----------------------------------+-----------------------------------
squareNum x = x * x                 |square x = x * x
                                    |Square any number
-----------------------------------+-----------------------------------
Select: (1) use their version, (2) use your version,
        (12) their version first, then yours,
        (21) your version first, then theirs,
        (e1) edit their version and use the result,
        (e2) edit your version and use the result,
        (eb) edit both versions and use the result,
        (p) postpone this conflicting section leaving conflict markers,
        (a) abort file merge and return to main menu: 2
Merge of 'square.hs' completed.
Select: (p) postpone, (df) show diff, (e) edit file, (m) merge,
        (r) mark resolved, (mc) my side of conflict,
        (tc) their side of conflict, (s) show all options: r
Resolved conflicted state of 'square.hs'
Summary of conflicts:
  Text conflicts: 0 remaining (and 1 already resolved)
```

```
g498m939@cslab-node-12:~/Desktop$ cd copy1
g498m939@cslab-node-12:~/Desktop/copy1$ svn update
Updating '.':
At revision 245.
g498m939@cslab-node-12:~/Desktop$ cd copy1
g498m939@cslab-node-12:~/Desktop/copy1$ echo "Conflicts are bad" >> conflicts.hs
g498m939@cslab-node-12:~/Desktop/copy1$ svn add conflicts.hs
A         conflicts.hs
g498m939@cslab-node-12:~/Desktop/copy1$ svn commit -m "added a conflicts file"
Adding         conflicts.hs
Transmitting file data .done
Committing transaction...
Committed revision 246.
g498m939@cslab-node-12:~/Desktop/copy1$ svn update
Updating '.':
At revision 246.
g498m939@cslab-node-12:~/Desktop/copy2$ echo "Conflicts are good" >> conflicts.h
s
g498m939@cslab-node-12:~/Desktop/copy2$ svn add conflicts.hs
A         conflicts.hs
g498m939@cslab-node-12:~/Desktop/copy2$ svn commit -m "Merge conflicts"
Adding         conflicts.hs
svn: E155011: Commit failed (details follow):
svn: E155011: File '/opt/homes/stu01/g498m939/Desktop/copy2/conflicts.hs' is out
 of date
svn: E160020: File 'conflicts.hs' already exists
g498m939@cslab-node-12:~/Desktop/copy2$ svn update --accept p
Updating '.':
C     conflicts.hs
Updated to revision 249.
Summary of conflicts:
  Text conflicts: 1
g498m939@cslab-node-12:~/Desktop/copy2$ svn resolve conflicts.hs --accept mc
Resolved conflicted state of 'conflicts.hs'
g498m939@cslab-node-12:~/Desktop/copy2$ svn commit -m "Conflict issue fixed"
Sending         conflicts.hs
Sending         square.hs
Transmitting file data ..done
Committing transaction...
Committed revision 250.
g498m939@cslab-node-12:~/Desktop/copy2$ svn update
Updating '.':
At revision 250.
g498m939@cslab-node-12:~/Desktop$ cd copy1
g498m939@cslab-node-12:~/Desktop/copy1$ svn update
Updating '.':
U     conflicts.hs
U     square.hs
Updated to revision 250.
```

B: 14

```
g498m939@cslab-node-12:~/Desktop/copy1$ svn diff -r 232:250 square.hs
Index: square.hs
===================================================================
--- square.hs    (revision 232)
+++ square.hs    (revision 250)
@@ -1 +1,2 @@
 square x = x * x
+Square any number
g498m939@cslab-node-12:~/Desktop/copy1$ svn diff -r 232:250 conflicts.hs
Index: conflicts.hs
===================================================================
--- conflicts.hs        (nonexistent)
+++ conflicts.hs        (revision 250)
@@ -0,0 +1 @@
+Conflicts are good
```

B: 15

```
g498m939@cslab-node-12:~/Desktop/copy1$ svn log
------------------------------------------------------------------------
r250 | cs480wsu | 2019-03-23 13:55:21 -0500 (Sat, 23 Mar 2019) | 1 line

Conflict issue fixed
------------------------------------------------------------------------
r246 | cs480wsu | 2019-03-23 13:50:54 -0500 (Sat, 23 Mar 2019) | 1 line

added a conflicts file
------------------------------------------------------------------------
r235 | cs480wsu | 2019-03-23 13:18:58 -0500 (Sat, 23 Mar 2019) | 1 line

Changed some functions
------------------------------------------------------------------------
r232 | cs480wsu | 2019-03-23 13:08:46 -0500 (Sat, 23 Mar 2019) | 1 line

Added a square program
------------------------------------------------------------------------
r63 | cs480wsu | 2019-03-22 13:05:20 -0500 (Fri, 22 Mar 2019) | 1 line


------------------------------------------------------------------------
```