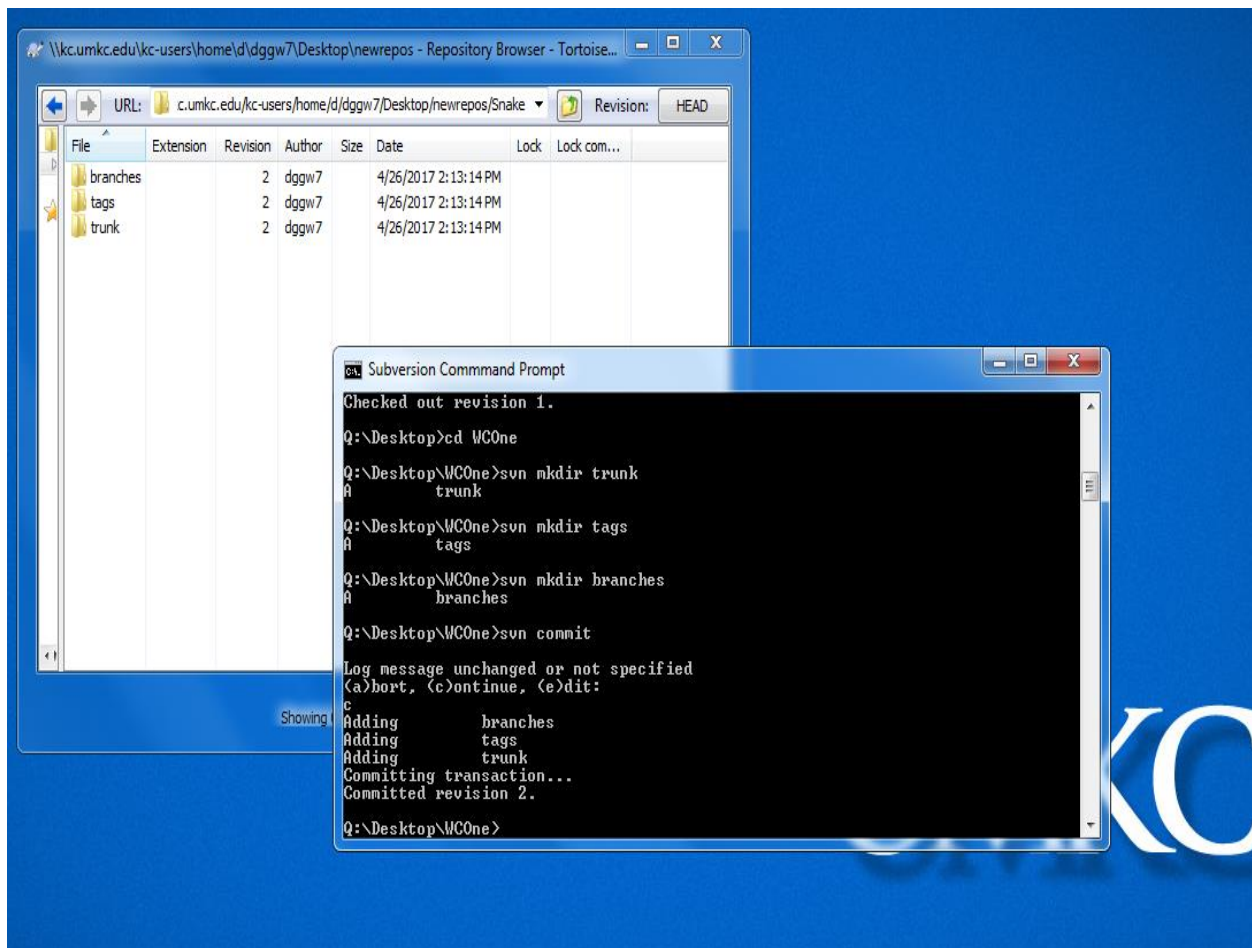


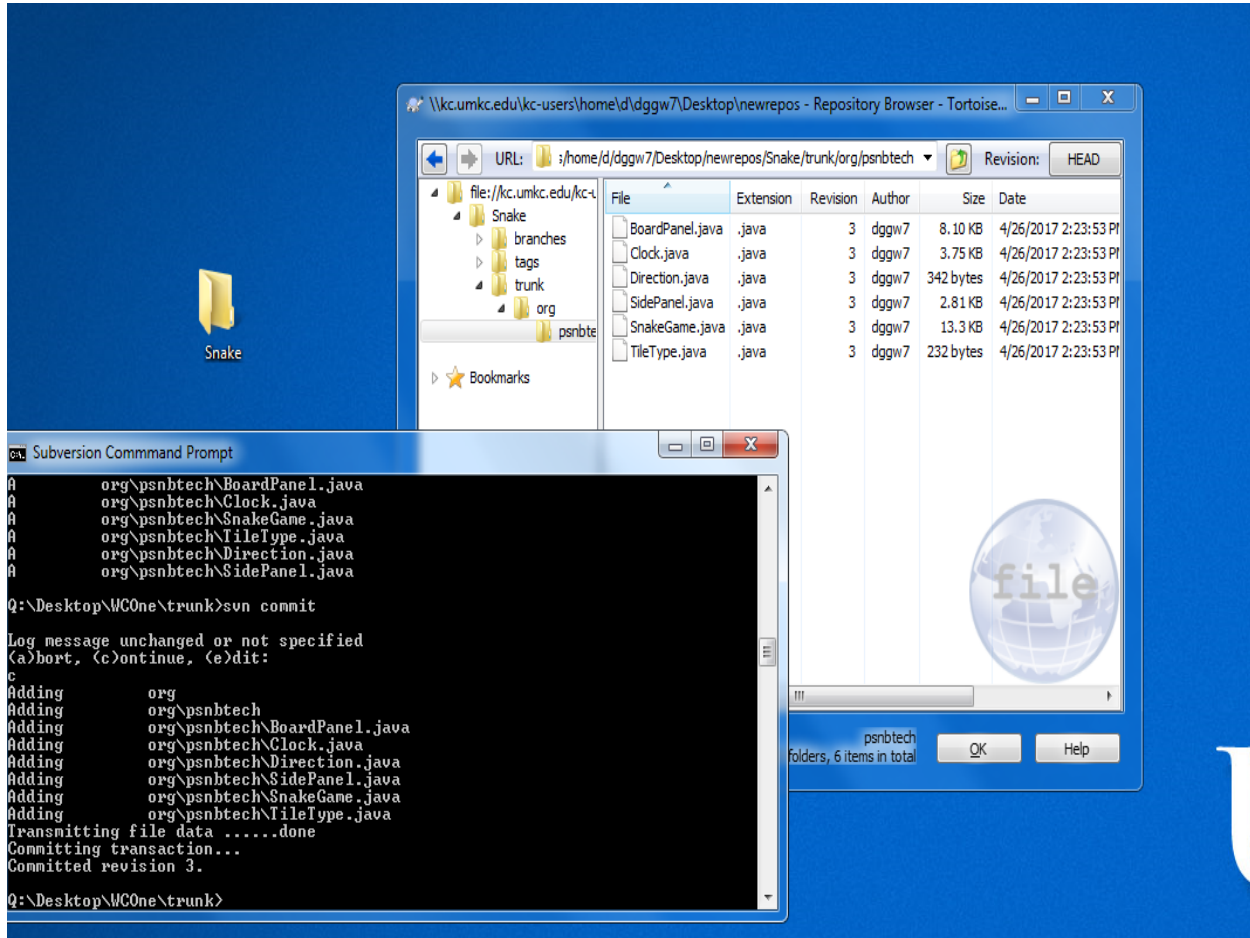
SMT Assignment-7

Submitted by,
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1. Create a new repository, and create a project named "Snake" at the root of your repository. Then create the following folders under "Snake": "trunk", "branches", and "tags". Submit a screenshot that shows the content the "Snake" folder



2. Download the source code from <https://github.com/PSNB92/SnakeRemake>. Put the unzipped source code (i.e. *.java) of the Snake application into the “trunk” folder of the repository. Keep the original file structure (i.e.org.psnbtech.*). Submit another screenshot that shows the content of the source code folder in the repository



EVENT #1: Ben made some changes to SnakeGame.java: (1) added a comment “//ignore” at the end of Line 25, and a comment “//test” at the end of Line 30. Then Ben committed his changes to the repository.

Event	Repository	Bill	Mary	Ben
1	4	3	3	4
Description	Added the given lines and committed the changes. There are no conflicts for this event.			

Screenshot:

```

C:\> Subversion Command Prompt

3      3 dggw?      org\psnbtech\Direction.java
3      3 dggw?      org\psnbtech\SidePanel.java
3      3 dggw?      org\psnbtech\SnakeGame.java
3      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeBill>cd..
Q:\Desktop>cd SnakeMary
Q:\Desktop\SnakeMary>svn status -v
3      3 dggw?      .
3      3 dggw?      org
3      3 dggw?      org\psnbtech
3      3 dggw?      org\psnbtech\BoardPanel.java
3      3 dggw?      org\psnbtech\Clock.java
3      3 dggw?      org\psnbtech\Direction.java
3      3 dggw?      org\psnbtech\SidePanel.java
3      3 dggw?      org\psnbtech\SnakeGame.java
3      3 dggw?      org\psnbtech\TileType.java

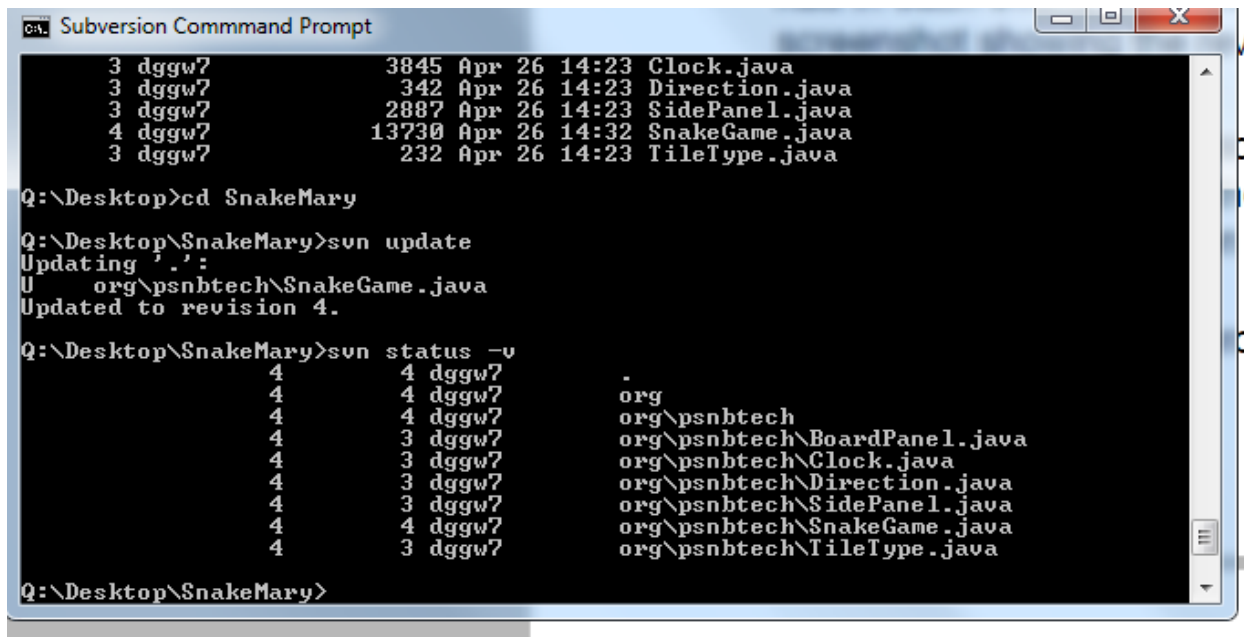
Q:\Desktop\SnakeMary>cd..

```

EVENT #2: Mary synchronized her working copy with the repository

Event	Repository	Bill	Mary	Ben
2	4	3	4	4
Description	Run svn update command in SnakeMary folder. The folder is updated. No conflicts for Event 2.			

Screenshot:



```
Subversion Command Prompt

3 dggw?      3845 Apr 26 14:23 Clock.java
3 dggw?      342 Apr 26 14:23 Direction.java
3 dggw?      2887 Apr 26 14:23 SidePanel.java
4 dggw?      13730 Apr 26 14:32 SnakeGame.java
3 dggw?      232 Apr 26 14:23 TileType.java

Q:\Desktop>cd SnakeMary
Q:\Desktop\SnakeMary>svn update
Updating '.':
U    org\psnbtech\SnakeGame.java
Updated to revision 4.

Q:\Desktop\SnakeMary>svn status -v
      4      4 dggw?      .
      4      4 dggw?      org
      4      4 dggw?      org\psnbtech
      4      3 dggw?      org\psnbtech\BoardPanel.java
      4      3 dggw?      org\psnbtech\Clock.java
      4      3 dggw?      org\psnbtech\Direction.java
      4      3 dggw?      org\psnbtech\SidePanel.java
      4      4 dggw?      org\psnbtech\SnakeGame.java
      4      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeMary>
```

EVENT #3: Bill made a change to SnakeGame.java: added a comment “//package missing.” at the end of line 25. Bill resolved the conflicts, and committed his change to the repository

Event	Repository	Bill	Mary	Ben
3	5	5	4	4
Description	As Bill has not updated the repository, some conflicts has arrived while committing. After editing the conflicts by updating the folder, the committed changes are reflected in SnakeBill folder.			

Screenshot:

```

C:\> Subversion Command Prompt

Log message unchanged or not specified
(a)bort, (c)ontinue, (e)dit:
c
Sending          org\psnbtech\SnakeGame.java
svn: E155011: Commit failed (details follow):
svn: E155011: File 'Q:\Desktop\SnakeBill\org\psnbtech\SnakeGame.java' is out of
date
svn: E160028: File '/Snake/trunk/org/psnbtech/SnakeGame.java' is out of date

Q:\Desktop\SnakeBill>svn update
Updating '.':
C      org\psnbtech\SnakeGame.java
Updated to revision 4.
Summary of conflicts:
  Text conflicts: 1
Conflict discovered in file 'org\psnbtech\SnakeGame.java'.
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: e
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 'org\psnbtech\SnakeGame.java'
Summary of conflicts:
  Text conflicts: 0 remaining (and 1 already resolved)

Q:\Desktop\SnakeBill>svn commit

Log message unchanged or not specified
(a)bort, (c)ontinue, (e)dit:
c
Sending          org\psnbtech\SnakeGame.java
Transmitting file data .done
Committing transaction...
Committed revision 5.

Q:\Desktop\SnakeBill>svn status -v
      4      4 dggw?      .
      4      4 dggw?      org
      4      4 dggw?      org\psnbtech
      4      3 dggw?      org\psnbtech\BoardPanel.java
      4      3 dggw?      org\psnbtech\Clock.java
      4      3 dggw?      org\psnbtech\Direction.java
      4      3 dggw?      org\psnbtech\SidePanel.java
      5      5 dggw?      org\psnbtech\SnakeGame.java
  
```

Subversion Command Prompt

Updating '.':
At revision 5.

Q:\Desktop\SnakeBill>cd..

Q:\Desktop>cd SnakeBen

```
Q:\Desktop\SnakeBen>svn status -v
      3      3 dggw?      .
      3      3 dggw?      org
      3      3 dggw?      org\psnbtech
      3      3 dggw?      org\psnbtech\BoardPanel.java
      3      3 dggw?      org\psnbtech\Clock.java
      3      3 dggw?      org\psnbtech\Direction.java
      3      3 dggw?      org\psnbtech\SidePanel.java
      4      4 dggw?      org\psnbtech\SnakeGame.java
      3      3 dggw?      org\psnbtech\TileType.java
```

Q:\Desktop\SnakeBen>cd..

Q:\Desktop>cd SnakeMary

```
Q:\Desktop\SnakeMary>svn status -v
      4      4 dggw?      .
      4      4 dggw?      org
      4      4 dggw?      org\psnbtech
      4      3 dggw?      org\psnbtech\BoardPanel.java
      4      3 dggw?      org\psnbtech\Clock.java
      4      3 dggw?      org\psnbtech\Direction.java
      4      3 dggw?      org\psnbtech\SidePanel.java
      4      4 dggw?      org\psnbtech\SnakeGame.java
      4      3 dggw?      org\psnbtech\TileType.java
```

EVENT #4: Bill changed the file, Clock.java (e.g. removed the fifth line of code). He then committed his change to the repository

Event	Repository	Bill	Mary	Ben
4	6(Total repository) 5(SnakeGame.java) 6(Clock.java)	5(SnakeGame.java) 6(Clock.java)	4	4
Description	As Clock file is changed the SnakeGame.java file has the same revision number as previous but the Clock.java file has version number 6. If svn update command is run, all the files are updated to version 6.			

Screenshot:

```

C:\> Subversion Command Prompt

4      4 dggw?      -
4      4 dggw?      org
4      4 dggw?      org\psnbtech
4      3 dggw?      org\psnbtech\BoardPanel.java
4      3 dggw?      org\psnbtech\Clock.java
4      3 dggw?      org\psnbtech\Direction.java
4      3 dggw?      org\psnbtech\SidePanel.java
4      4 dggw?      org\psnbtech\SnakeGame.java
4      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeMary>cd..

Q:\Desktop>svn list -v file:///Desktop/newrepos/Snake/trunk/org/psnbtech
5 dggw?      Apr 26 14:57 /
3 dggw?      8295 Apr 26 14:23 BoardPanel.java
3 dggw?      3845 Apr 26 14:23 Clock.java
3 dggw?      342  Apr 26 14:23 Direction.java
3 dggw?      2887 Apr 26 14:23 SidePanel.java
5 dggw?      13819 Apr 26 14:57 SnakeGame.java
3 dggw?      232  Apr 26 14:23 TileType.java

Q:\Desktop>cd SnakeBill

Q:\Desktop\SnakeBill>svn commit

Log message unchanged or not specified
(a)bort, (c)ontinue, (e)dit:
c
Sending      org\psnbtech\Clock.java
Transmitting file data .done
Committing transaction...
Committed revision 6.

Q:\Desktop\SnakeBill>svn status -v
5      5 dggw?      -
5      5 dggw?      org
5      5 dggw?      org\psnbtech
5      3 dggw?      org\psnbtech\BoardPanel.java
6      6 dggw?      org\psnbtech\Clock.java
5      3 dggw?      org\psnbtech\Direction.java
5      3 dggw?      org\psnbtech\SidePanel.java
5      5 dggw?      org\psnbtech\SnakeGame.java
5      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeBill>

```

Subversion Command Prompt

```

3 dggw?      3845 Apr 26 14:23 Clock.java
3 dggw?      342 Apr 26 14:23 Direction.java
3 dggw?      2887 Apr 26 14:23 SidePanel.java
5 dggw?      13819 Apr 26 14:57 SnakeGame.java
3 dggw?      232 Apr 26 14:23 TileType.java

Q:\Desktop>cd SnakeBill
Q:\Desktop\SnakeBill>svn commit
Log message unchanged or not specified
(a)bort, (c)ontinue, (e)dit:
c
Sending      org\psnbtech\Clock.java
Transmitting file data .done
Committing transaction...
Committed revision 6.

Q:\Desktop\SnakeBill>svn status -v
      5      5 dggw?      .
      5      5 dggw?      org
      5      5 dggw?      org\psnbtech
      5      3 dggw?      org\psnbtech\BoardPanel.java
      6      6 dggw?      org\psnbtech\Clock.java
      5      3 dggw?      org\psnbtech\Direction.java
      5      3 dggw?      org\psnbtech\SidePanel.java
      5      5 dggw?      org\psnbtech\SnakeGame.java
      5      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeBill>cd..
Q:\Desktop>cd SnakeMary
Q:\Desktop\SnakeMary>svn status -v
      4      4 dggw?      .
      4      4 dggw?      org
      4      4 dggw?      org\psnbtech
      4      3 dggw?      org\psnbtech\BoardPanel.java
      4      3 dggw?      org\psnbtech\Clock.java
      4      3 dggw?      org\psnbtech\Direction.java
      4      3 dggw?      org\psnbtech\SidePanel.java
      4      4 dggw?      org\psnbtech\SnakeGame.java
      4      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeMary>

```


EVENT #5: Ben synchronized his working copy with the repository

Event	Repository	Bill	Mary	Ben
5	6(Total repository) 5(SnakeGame.java) 6(Clock.java)	5(SnakeGame.java) 6(Clock.java)	4	6
Description	Run svn update in SnakeBen repository. All the files are updated to version 6.			

Screenshot:

```
Q:\Desktop>cd SnakeBen
Q:\Desktop\SnakeBen>svn update
Updating '.':
U    org\psnbtech\SnakeGame.java
U    org\psnbtech\Clock.java
Updated to revision 6.

Q:\Desktop\SnakeBen>svn status -v
      6      6 dggw?      .
      6      6 dggw?      org
      6      6 dggw?      org\psnbtech
      6      3 dggw?      org\psnbtech\BoardPanel.java
      6      6 dggw?      org\psnbtech\Clock.java
      6      3 dggw?      org\psnbtech\Direction.java
      6      3 dggw?      org\psnbtech\SidePanel.java
      6      5 dggw?      org\psnbtech\SnakeGame.java
      6      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeBen>

Q:\Desktop\SnakeBen>cd ..
Q:\Desktop>cd SnakeMary
Q:\Desktop\SnakeMary>svn status -v
      4      4 dggw?      .
      4      4 dggw?      org
      4      4 dggw?      org\psnbtech
      4      3 dggw?      org\psnbtech\BoardPanel.java
      4      3 dggw?      org\psnbtech\Clock.java
      4      3 dggw?      org\psnbtech\Direction.java
      4      3 dggw?      org\psnbtech\SidePanel.java
      4      4 dggw?      org\psnbtech\SnakeGame.java
      4      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeMary>
```

EVENT #6: Mary and Bill both synchronized their working copies with the repository

Event	Repository	Bill	Mary	Ben
6	6(Total Repository) 5(SnakeGame.java) 6(Clock.java)	6	6	6
Description	Run svn update in SnakeMary and SnakeBill folders. All the files in both folders are updated to version 6 i.e, the latest version.			

```

Subversion Command Prompt

6 dggw?      3813 Apr 26 15:07 Clock.java
3 dggw?      342  Apr 26 14:23 Direction.java
3 dggw?      2887 Apr 26 14:23 SidePanel.java
5 dggw?      13819 Apr 26 14:57 SnakeGame.java
3 dggw?      232  Apr 26 14:23 TileType.java

Q:\Desktop>cd SnakeMary
Q:\Desktop\SnakeMary>svn update
Updating '.':
U    org\psnbtech\Clock.java
U    org\psnbtech\SnakeGame.java
Updated to revision 6.

Q:\Desktop\SnakeMary>svn status -v
      6      6 dggw?      .
      6      6 dggw?      org
      6      6 dggw?      org\psnbtech
      6      3 dggw?      org\psnbtech\BoardPanel.java
      6      6 dggw?      org\psnbtech\Clock.java
      6      3 dggw?      org\psnbtech\Direction.java
      6      3 dggw?      org\psnbtech\SidePanel.java
      6      5 dggw?      org\psnbtech\SnakeGame.java
      6      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeMary>cd..
Q:\Desktop>cd SnakeBill
Q:\Desktop\SnakeBill>svn update
Updating '.':
At revision 6.

Q:\Desktop\SnakeBill>svn status -v
      6      6 dggw?      .
      6      6 dggw?      org
      6      6 dggw?      org\psnbtech
      6      3 dggw?      org\psnbtech\BoardPanel.java
      6      6 dggw?      org\psnbtech\Clock.java
      6      3 dggw?      org\psnbtech\Direction.java
      6      3 dggw?      org\psnbtech\SidePanel.java
      6      5 dggw?      org\psnbtech\SnakeGame.java
      6      3 dggw?      org\psnbtech\TileType.java

Q:\Desktop\SnakeBill>

```

```
Q:\Desktop>svn list -v file:///Desktop/newrepos/Snake/trunk/org/psnbtech
   6 dggw?          Apr 26 15:07 ./
   3 dggw?          8295 Apr 26 14:23 BoardPanel.java
   6 dggw?          3813 Apr 26 15:07 Clock.java
   3 dggw?          342 Apr 26 14:23 Direction.java
   3 dggw?          2887 Apr 26 14:23 SidePanel.java
   5 dggw?          13819 Apr 26 14:57 SnakeGame.java
   3 dggw?          232 Apr 26 14:23 TileType.java
```

```
Q:\Desktop>svn list -v file:///Desktop/newrepos/Snake/trunk/org
   6 dggw?          Apr 26 15:07 ./
   6 dggw?          Apr 26 15:07 psnbtech/
```

```
Q:\Desktop>
```