

# Code Coverage

(Assignment 1, pt. 2 for 2DV610)

## Code Coverage 1, 2018-11-16: 98.31%

| Hierarchy  | Not Covered (Blocks) | Not Covered (% Blocks) | Covered (Blocks) | Covered (% Blocks) |
|--|----------------------|------------------------|------------------|--------------------|
| Taint_DESKTOP-U6DAR6S 2018-11-16 12_47_44.coverage | 6                    | 3.68%                  | 157              | 96.32%             |
| csyahtzee.exe                                      | 1                    | 1.69%                  | 58               | 98.31%             |
| { } CSYahtzee                                      | 1                    | 100.00%                | 0                | 0.00%              |
| Program  | 1                    | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.model                                | 0                    | 0.00%                  | 56               | 100.00%            |
| DiceCup  | 0                    | 0.00%                  | 37               | 100.00%            |
| DiceCup.<>c  | 0                    | 0.00%                  | 6                | 100.00%            |
| Die  | 0                    | 0.00%                  | 13               | 100.00%            |
| { } CSYahtzee.model.rules                          | 0                    | 0.00%                  | 2                | 100.00%            |
| DieFactory   | 0                    | 0.00%                  | 2                | 100.00%            |

Effectively, the code coverage is 100% due to only the model being implemented so far. Program.cs is not covered which makes up the missing percentage.

## Code Coverage 2, 2018-11-19: 96.81%

| Hierarchy                         | Not Covered (Blocks) | Not Covered (% Blocks) | Covered (Blocks) | Covered (% Blocks) |
|-----------------------------------|----------------------|------------------------|------------------|--------------------|
| Taint_DESKTOP-U6DAR6S 2018-11-... | 14                   | 4.93%                  | 270              | 95.07%             |
| csyahtzee.exe                     | 3                    | 3.19%                  | 91               | 96.81%             |
| { } CSYahtzee                     | 1                    | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.controller          | 1                    | 12.50%                 | 7                | 87.50%             |
| { } CSYahtzee.model               | 1                    | 1.32%                  | 75               | 98.68%             |
| { } CSYahtzee.model.rules         | 0                    | 0.00%                  | 2                | 100.00%            |
| { } CSYahtzee.view                | 0                    | 0.00%                  | 7                | 100.00%            |

There are a few blocks missing, but those mainly consist of unimplemented constructors.

## Code Coverage 3, 2018-11-22: 99.17%

| Hierarchy                         | Not Covered (Blocks) | Not Covered (% Blocks) | Covered (Blocks) | Covered (% Blocks) |
|-----------------------------------|----------------------|------------------------|------------------|--------------------|
| Taint_DESKTOP-U6DAR6S 2018-11-... | 13                   | 2.74%                  | 461              | 97.26%             |
| csyahtzee.exe                     | 1                    | 0.83%                  | 120              | 99.17%             |
| { } CSYahtzee                     | 1                    | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.controller          | 0                    | 0.00%                  | 20               | 100.00%            |
| { } CSYahtzee.model               | 0                    | 0.00%                  | 82               | 100.00%            |
| { } CSYahtzee.model.rules         | 0                    | 0.00%                  | 2                | 100.00%            |
| { } CSYahtzee.view                | 0                    | 0.00%                  | 16               | 100.00%            |

Lookin' good, slugger.

## Code Coverage 4, 2018-11-23: 85.52%

| Hierarchy                          | Not Covered (Blocks) | Not Covered (% Blocks) | Covered (Blocks) | Covered (% Blocks) |
|------------------------------------|----------------------|------------------------|------------------|--------------------|
| Taint_DESKTOP-U6DAR6S 2018-11-...  | 50                   | 7.56%                  | 611              | 92.44%             |
| csyahtzee.exe                      | 32                   | 14.48%                 | 189              | 85.52%             |
| { } CSYahtzee                      | 1                    | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.controller           | 0                    | 0.00%                  | 20               | 100.00%            |
| { } CSYahtzee.model                | 3                    | 2.38%                  | 123              | 97.62%             |
| { } CSYahtzee.model.rules          | 2                    | 6.25%                  | 30               | 93.75%             |
| { } CSYahtzee.model.rules.calcu... | 26                   | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.view                 | 0                    | 0.00%                  | 16               | 100.00%            |

We've added a few new placeholder classes that we haven't had time to test yet.

### Code Coverage 5, 2018-11-29: 90.00%

| Hierarchy                          | Not Covered (Blocks) | Not Covered (% Blocks) | Covered (Blocks) | Covered (% Blocks) |
|------------------------------------|----------------------|------------------------|------------------|--------------------|
| Taint_DESKTOP-U6DAR6S 2018-11-...  | 48                   | 5.73%                  | 789              | 94.27%             |
| csyahtzee.exe                      | 27                   | 10.00%                 | 243              | 90.00%             |
| { } CSYahtzee                      | 1                    | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.controller           | 0                    | 0.00%                  | 20               | 100.00%            |
| { } CSYahtzee.model                | 0                    | 0.00%                  | 175              | 100.00%            |
| { } CSYahtzee.model.rules          | 0                    | 0.00%                  | 32               | 100.00%            |
| { } CSYahtzee.model.rules.calcu... | 26                   | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.view                 | 0                    | 0.00%                  | 16               | 100.00%            |

90%. Only missing coverage for Program.cs (empty) and the score calculators (not implemented).

### Code Coverage FINAL, 2018-11-30: 90.22%

| Hierarchy                          | Not Covered (Blocks) | Not Covered (% Blocks) | Covered (Blocks) | Covered (% Blocks) |
|------------------------------------|----------------------|------------------------|------------------|--------------------|
| Taint_DESKTOP-U6DAR6S 2018-11-...  | 49                   | 5.72%                  | 807              | 94.28%             |
| csyahtzee.exe                      | 27                   | 9.78%                  | 249              | 90.22%             |
| { } CSYahtzee                      | 1                    | 100.00%                | 0                | 0.00%              |
| Program                            | 1                    | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.controller           | 0                    | 0.00%                  | 20               | 100.00%            |
| PlayYahtzee                        | 0                    | 0.00%                  | 20               | 100.00%            |
| { } CSYahtzee.model                | 0                    | 0.00%                  | 181              | 100.00%            |
| CategoryScore                      | 0                    | 0.00%                  | 36               | 100.00%            |
| CategoryScore.<>c                  | 0                    | 0.00%                  | 4                | 100.00%            |
| DiceCup                            | 0                    | 0.00%                  | 37               | 100.00%            |
| DiceCup.<>c                        | 0                    | 0.00%                  | 6                | 100.00%            |
| Die                                | 0                    | 0.00%                  | 19               | 100.00%            |
| Player                             | 0                    | 0.00%                  | 12               | 100.00%            |
| ScoreSheet                         | 0                    | 0.00%                  | 45               | 100.00%            |
| ScoreSheet.<>c                     | 0                    | 0.00%                  | 4                | 100.00%            |
| ScoreSheet.<>c_Display...          | 0                    | 0.00%                  | 2                | 100.00%            |
| ScoreSheet.<>c_Display...          | 0                    | 0.00%                  | 2                | 100.00%            |
| Yahtzee                            | 0                    | 0.00%                  | 14               | 100.00%            |
| { } CSYahtzee.model.rules          | 0                    | 0.00%                  | 32               | 100.00%            |
| DieFactory                         | 0                    | 0.00%                  | 2                | 100.00%            |
| ScoreCalculatorFactory             | 0                    | 0.00%                  | 30               | 100.00%            |
| { } CSYahtzee.model.rules.calcu... | 26                   | 100.00%                | 0                | 0.00%              |
| AcesCalculator                     | 2                    | 100.00%                | 0                | 0.00%              |
| ChanceCalculator                   | 2                    | 100.00%                | 0                | 0.00%              |
| FivesCalculator                    | 2                    | 100.00%                | 0                | 0.00%              |
| FourOfAKindCalculator              | 2                    | 100.00%                | 0                | 0.00%              |
| FoursCalculator                    | 2                    | 100.00%                | 0                | 0.00%              |
| FullHouseCalculator                | 2                    | 100.00%                | 0                | 0.00%              |
| LargeStraightCalculator            | 2                    | 100.00%                | 0                | 0.00%              |
| SixesCalculator                    | 2                    | 100.00%                | 0                | 0.00%              |
| SmallStraightCalculator            | 2                    | 100.00%                | 0                | 0.00%              |
| ThreeOfAKindCalculator             | 2                    | 100.00%                | 0                | 0.00%              |
| ThreesCalculator                   | 2                    | 100.00%                | 0                | 0.00%              |
| TwosCalculator                     | 2                    | 100.00%                | 0                | 0.00%              |
| YahtzeeCalculator                  | 2                    | 100.00%                | 0                | 0.00%              |
| { } CSYahtzee.view                 | 0                    | 0.00%                  | 16               | 100.00%            |
| EnglishConsole                     | 0                    | 0.00%                  | 16               | 100.00%            |

Still missing Program.cs and Score Calculators.