

Part 1: Poker	Pts for Correct
Step 1. Are you prompted to enter a hand? Can you enter in the following hand: 1 S 10 C 11 D 12 C 13 S All or no points for this.	5
Step 2: Double check the output for each of these hands: 1 S 10 C 11 D 12 C 13 S ==> AS 10C JD QC KS 1 D 1 C 8 S 9 H 11 H AD AC 8S 9H JH -1 pt for each letter missed, e.g. 1 not converted to A.	5
Step 3: Test each hand and result (-1 for each one wrong): 1 S 10 S 11 S 12 S 13 S ==> Straight Flush 1 S 2 S 3 S 4 S 5 S ==> Straight Flush 1 S 10 S 11 S 12 S 13 D ==> Straight 1 S 9 S 11 S 12 S 13 S ==> Flush 1 S 1 D 1 H 1 C 2 C = 4 of a kind 1 S 2 S 2 D 2 C 2 H = 4 of a kind 1 S 1 H 1 D 2 C 2 D = Full house 1 S 1 H 2 D 2 C 2 S = Full house 1 S 1 D 1 H 2 C 3 S = 3 of a kind 1 S 2 C 2 D 2 H 3 S = 3 of a kind 1 S 2 C 3 S 3 D 3 H = 3 of a kind 1 S 1 D 2 S 2 D 3 C = 2 pair 1 S 1 D 2 S 3 C 3 S = 2 pair 1 S 2 C 2 D 3 S 3 D = 2 pair 1 S 1 D 2 C 3 D 4 H = 1 pair 1 S 2 D 2 C 3 D 4 H = 1 pair 1 S 2 D 3 C 3 D 4 H = 1 pair 1 S 2 D 3 C 4 H 4 C = 1 pair 1 S 2 C 4 C 5 D 6 H = High Card	15

Step 4: Can you enter a 2nd player's hand? (2 pts) Does the 2nd players hand print as expected (2 pts - see above for examples) Does the correct hand show up (1 pt - see above for example) How much duplicated code is there to get this step to work? (-1 pt for each major section of duplicated code. Max of -5)	10
Step 5: Comparing hands. Run the following tests (-1 for each wrong): P1: 1 S 10 S 11 S 12 S 13 S P2: 1 S 2 S 3 S 4 S 5 S Result: Tie! P1: 1 S 10 S 11 S 12 S 13 S P2: 1 S 2 S 3 S 4 S 5 D Result: Player 1 Wins P1: 1 S 9 S 11 S 12 S 13 S P2: 1 S 1 D 2 C 3 D 4 H Result: Player 1 Wins P1: 1 S 2 S 2 D 2 C 2 H P2: 1 S 1 H 1 D 2 C 2 D Result: Player 1 Wins P1: 1 S 2 C 4 C 5 D 6 H P2: 3 D 7 C 8 H 10 D 12 D Result: Tie!	5
COMMENTS	
Total	40
Part 3: Style Requirements (10 points)	
Description (Deduct up to Twice for Each Infraction up to 10 points)	Pts for Correct

-1 point for each missing class/file header (only has to be one or other, They don't need a file & class header)

-1 point for each missing method header. They must be in javadoc format. `/** */` with `@param` and `@return` if used in the method.

-2 point for no inline comments

-1 point for each meaningless variable name

-1 point for each hardcoded constant besides standard 0-4 as outlined in HW writeup. For this assignment they can do `card[0] == card[4]`.

-2 point for no logical blank space separators

-1 point for each line over 80 characters

-1 point for each line indented incorrectly

Make sure you find all style errors and report them to your students, even if they have hit the 10 points deduction limit.

An example of how to deduct points. Let's say there are 10 lines that go over 80 characters and everything else is great. They would loose 2 points total and get 8 pts for style

10

COMMENTS

Total

10

Total Score

50