

Kerry Ojakian's CSI 31 Class

Class Assignment #5

General Instructions:

- You may work in a group of at most 3 students.
- Classwork must be put in a your dropbox folder; if there are multiple parts, create a single folder for the class assignment. Make sure you give clear names to your files and folders. Make sure that you indicate all the people in your group.
- When you are done, email me to tell me who's folder the class work is in; also, tell me who is in your group.

The Assignment

Implement a class to represent a playing card. Your class should have the following methods:

1. `__init__(self, rank, suit)`: rank is an int in the range 1-13 indicating the ranks ace-king and suit is a single character "d " "c " "h " or "s" indicating the suit (diamonds, clubs, hearts, or spades). Create the corresponding card.
2. `getRank(self)`: Returns the rank of the card (but it's appropriate name, so 11 is "Jack", 12 is "Queen" and 13 is "King")
3. `getSuit (self)`: Returns the suit of the card (but as a full name, like if "d" when should return "diamonds")
4. `value(self)`: Returns the Blackjack value of a card. Ace counts as 1, face cards count as 10.