# Martin and Homan

We are making a cribbage game that does the following:

- Allows user to select which cards to play
- Plays user against computer opponent
- Calculates the scores for each hand

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# Does not

- Have multiple user players
- Check winner in the middle of each turn

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# Might have

• Alternating crib hand

### Game

+ main(args: String[])

# Deck

- cards: List<Card>

- + Deck() + dealCard(): Card
- + dealHand(amount: int): List<Card>

+ shuffle()

### Card

- Suit: String - Value: String
- + getSuit(): Type
- + getValue(): String + equals(): boolean + toString(): String

- + sameSuit(): boolean + sameValue(): boolean

# Cribbage

- playerHand: List<Card> - compHand: List<Card>

- playerScore: int - compScore: int

- finalScore: final int - comparison: Set<Card>

+ Cribbage(finalScore: int) + gameLoop() - play(card: Card)

- countPoints(hand: List<Card>): int