

Determining the value of a hand

Value of a card in Blackjack

Number card has value equal to number

Face card (K, Q, J) has value 10

Ace has value 1 or 11 (player's choice)

Value of a Blackjack hand

Key observation: Never count two Aces as 11

Let `hand_value` be the sum of the card values with Aces as 1

If the hand has no Aces

 return `hand_value`

else

 if `hand_value + 10 <= 21`

 return `hand_value + 10`

 else

 return `hand_value`

Determining when the dealer should stand

```
while the value of the dealer's hand is less than 17  
    hit the dealer's hand
```

Python - while loop

```
while test:  
    body
```

Use the `get_value` method for a hand inside test
Use the `hit` method for hand inside the body