

Simulation 1

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proge@LAPTOP-FR0NQ44 MINGW64 ~/Documents/Johns Hopkins University/Fall 2019/EN.605.201 Intro to Programming Using Java/Project 02 Blackjack/JAVA
$ java BlackjackGameSimulator

*****
*                GAME 1                *
*****

Player Balance: $100.0
Place bet amount: $50

Player's hand value: 16
      [6|H] [J|C]

Dealer's hand value: ??
      [3|S] [?|?]

'hit' or 'stay': hit

Player's hand value: 20
      [6|H] [J|C] [4|D]

'hit' or 'stay': stay

Dealer's hand value: 10
      [3|S] [7|S]

Dealer's hand value: 21
      [3|S] [7|S] [A|H]

Dealer Wins!

Remaning Player Balance: $50.0

Play Again? ('y' or 'n'): y

*****
*                GAME 2                *
*****

Player Balance: $50.0
Place bet amount: $50

Player's hand value: 17
      [8|S] [9|S]

Dealer's hand value: ??
      [A|H] [?|?]

'hit' or 'stay': stay

Dealer's hand value: 14
      [A|H] [3|S]

Dealer's hand value: 14
      [A|H] [3|S] [Q|H]

Dealer's hand value: 21
      [A|H] [3|S] [Q|H] [7|C]

Dealer Wins!

Remaning Player Balance: $0.0

Game Over: Player is out of money!

Exiting Blackjack...
Play again soon!
```

Simulation 2

```
*****
*                GAME 1                *
*****

Player Balance: $100.0
Place bet amount: $75

Player's hand value: 11
      [6|C] [5|C]

Dealer's hand value: ??
      [9|H] [?|?]

'hit' or 'stay': hit

Player's hand value: 18
      [6|C] [5|C] [7|S]

'hit' or 'stay': stay

Dealer's hand value: 15
      [9|H] [6|D]

Dealer's hand value: 16
      [9|H] [6|D] [A|S]

Dealer's hand value: 26
      [9|H] [6|D] [A|S] [K|H]

Busted: Player Wins!

Remaning Player Balance: $175.0

Play Again? ('y' or 'n'): y

*****
*                GAME 2                *
*****

Player Balance: $175.0
Place bet amount: $100

Player's hand value: 18
      [8|C] [10|C]

Dealer's hand value: ??
      [10|S] [?|?]

'hit' or 'stay': stay

Dealer's hand value: 19
      [10|S] [9|S]

Dealer Wins!

Remaning Player Balance: $75.0

Play Again? ('y' or 'n'): y

*****
*                GAME 3                *
*****

Player Balance: $75.0
Place bet amount: $50

Player's hand value: 12
      [7|D] [5|H]
```

Simulation 2 Continued

```
*****
*                               *
*               GAME 3         *
*                               *
*****

Player Balance: $75.0
Place bet amount: $50

Player's hand value: 12
      [7|D] [5|H]

Dealer's hand value: ??
      [K|H] [?|?]

'hit' or 'stay': hit

Player's hand value: 16
      [7|D] [5|H] [4|D]

'hit' or 'stay': hit

Player's hand value: 21
      [7|D] [5|H] [4|D] [5|S]

Dealer's hand value: 18
      [K|H] [8|D]

Player Wins!

Remaning Player Balance: $125.0

Play Again? ('y' or 'n'): n

Exiting Blackjack...
Play again soon!

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Simulation 3

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$ java BlackjackGameSimulator

*****
*                GAME 1                *
*****

Player Balance: $100.0
Place bet amount: $-50

Player Balance: $100.0
Place bet amount: $125

Player Balance: $100.0
Place bet amount: $0

Player's hand value: 16
      [5|S] [A|H]

Dealer's hand value: ??
      [10|H] [?|?]

'hit' or 'stay': hit

Player's hand value: 20
      [5|S] [A|H] [4|S]

'hit' or 'stay': hit

Player's hand value: 18
      [5|S] [A|H] [4|S] [8|S]

'hit' or 'stay': no

'hit' or 'stay': why

'hit' or 'stay': stay

Dealer's hand value: 16
      [10|H] [6|H]

Dealer's hand value: 19
      [10|H] [6|H] [3|C]

Dealer Wins!

Remaning Player Balance: $100.0

Play Again? ('y' or 'n'): n

Exiting Blackjack...
Play again soon!

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