Top-level functions called by main()

- □ newDeck()
 - Creates and returns a complete deck of cards
- □ initialDeal(deck)
 - deals cards from the deck to each player, returns the hands
- □ displayGameState(playerHand, dealerHand, showAll)
 - shows visible cards and player's scores. showAll is boolean
- □ playerPlays(playerHand, dealerHand, deck)
 - Allows player to choose hit or stay
- □ dealerPlays(playerHand, dealerHand, deck)
 - Dealer does hit or stay, based on the rules
- ☐ finalTally(playerHand, dealerHand)
 - Determines and displays who wins.

Q5

Complete code for main()

```
def main():
deck = newDeck()
player, dealer = initialDeal(deck)
displayGameState(player, dealer, False)
playerPlays(player, dealer, deck)
if handScore(player) > winningScore:
    print "BUSTED! You lose."
else:
    print "Now Dealer will play ..."
    dealerPlays(player, dealer, deck)
    finalTally(player, dealer)
displayGameState(player, dealer, True)
```

Top-level Structure Diagram deck dealerHand. playerHand dealerHand, dealerHand, playerHand playerHand, initialDeal playerHand, dealerHand. playerHand, showAll Key: formal parameters return values

Some preliminary data values