Elevens Lab Rubric

Overall Program

	Yes/No
Name on Folder	yes
Compiles	yes
Select pair 11 and swap	yes
Select jqk and swap	yes
Select 11 +1 and no swap	no
Select jqk +1 and no swap	no
Shuffles on restart	yes
Loose is correct	yes
43 cards in restart	no

Activity 1 Card class

Method	CARD CLASS	Yes/Partial/No
	Name	yes
	Comments	yes
Constructor	Set 3 fields in	yes
Suit	return suit	yes
Rank	return rank	yes
Pointvalue	return pointvalue	yes
Matches	check match	yes
Matches	return t/f	yes
Tostring	concat and return string	yes

Activity 2 Deck class

Method	DECK CLASS	Yes/Partial/No
	Name	yes
	Comments	yes
Constructor	Initialize List	yes
Constructor	Nested loops through rank/suit	yes
Constructor	Build new card	yes
Constructor	Add new card	yes
Constructor	Set size	yes
Constructor	Call shuffle	yes
isEmpty	Check size	Partial (should use size field)
isEmpty	Return t/f	yes
Size	Return size	yes
Deal	Check if empty	Partial (based on your order of your code, you can go include when size==0)
Deal	Return null if empty	yes

Activity 3 Shuffler Class

Method	SHUFFLER CLASS	Yes/Partial/No
	Name	yes
	Comments	yes
Perfect	New array & size	yes
Perfect	Var for arr loc	yes
Perfect	Loop 1st half & x2	yes
Perfect	Fill arr w/ values	yes
Perfect	Loop 2nd half&x2	yes
Perfect	Fill arr w/values	yes
Efficient	Loop backwards	yes
Efficient	Rand number	yes
Efficient	Temp value	yes
Efficient	Swap values	yes

Deal	Decrease size	yes
Deal	Get Card end	yes
Deal	Return card	yes

Activity 4 Shuffle method

Method	DECK CLASS	Yes/Partial/No
Shuffle	Loop backwards	yes
Shuffle	Rand number	yes
Shuffle	Temp Card	yes
Shuffle	Swap values	yes
Shuffle	Reset size var	no

Activity 9 Elevens Board

Method	ELEVENSBOARD	Yes/Partial/No
	Name	yes
	Comments	yes
isLegal	If size 3 – contains JQK	Partial (incorrect check of size)
isLegal	If size 2 – contains 11	Partial (incorrect check of size)
isLegal	OW false	yes
anotherPlay	List of indexes	yes
anotherPlay	Call pair11 & JQK	yes
PairSum11	Nested loop	yes
PairSum11	Calculate sum pairs	yes
PairSum11	If 11 – true	yes
PairSum11	False outside loop	yes
JQK	Loop through list	yes

		JQK	Check for J,Q,Ks	yes
		JQK	Returns T/F correct	yes

Score:

Code (out of 65): 59