

oncordia University COMP 248 – Winter 2019 Assignment 4

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                  Welcome to Nancy's Card Golf Game!
            To win this game you need some luck with the cards and a bit of strategy.
Just like the outdoor game of golf, the card game known as Golf has a goal of keeping
the score as low as possible.
Okay .. Let's start the game! May the best golfer win!!!
What is the name of 1st player:
AAA
What is the name of 2nd player:
BBB
AAA time to decide which 2 cards you want to turn over
Which card to you want to flip (row col) 0 0
Which card to you want to flip (row col) 1 1
BBB time to decide which 2 cards you want to turn over
Which card to you want to flip (row col) 0 0
Which card to you want to flip (row col) 1 1
Discard pile has A
AAA's turn:
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Here is your board.
8 * *
* A *
Do you want the card on the discard pile(0) or a new card(1) 0
AAA, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 0 1
Discard pile has K
BBB's turn:
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Here is your board.
A * *
* 9 *
Do you want the card on the discard pile(0) or a new card(1) 0
BBB, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 0 2
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Discard pile has 8
AAA's turn:
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Here is your board.
8 A *
* A *
Do you want the card on the discard pile(0) or a new card(1) 0
AAA, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 1 0
Discard pile has 3
BBB's turn:
Here is your board.
A * K
* 9 *
Do you want the card on the discard pile(0) or a new card(1) 0
BBB, do you want to replace a flipped card(0) or flip a new card(1) 0
Which flipped card do you want to replace (row col)? 1 1
Discard pile has T
AAA's turn:
Here is your board.
8 A *
8 A *
Do you want the card on the discard pile(0) or a new card(1) 1
The card you are playing is 9
Replace a card(0) or toss it(1)? 1
Discard pile has 2
BBB's turn:
Here is your board.
A * K
* 3 *
Do you want the card on the discard pile(0) or a new card(1) 0
BBB, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 0 1
Discard pile has T
AAA's turn:
Here is your board.
8 A *
8 A *
Do you want the card on the discard pile(0) or a new card(1) 1
The card you are playing is 2
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AAA, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 0 2
8 A 4
8 A *
Replace this card(0) or toss(1)? 1
Discard pile has K
BBB's turn:
Here is your board.
A 2 K
* 3 *
Do you want the card on the discard pile(0) or a new card(1) 0
BBB, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 1 2
Discard pile has 7
AAA's turn:
Here is your board.
8 A 4
8 A *
Do you want the card on the discard pile(0) or a new card(1) 1
The card you are playing is 3
Replace a card(0) or toss it(1)? 0
AAA, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 1 2
8 A 4
8 A Q
Replace this card(0) or toss(1)? 0
Discard pile has 3
BBB's turn:
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Here is your board.
A 2 K
* 3 K
Do you want the card on the discard pile(0) or a new card(1) 0
BBB, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 2 1
Discard pile has Q
AAA's turn:
Here is your board.
8 A 4
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Replace a card(0) or toss it(1)? 0

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8 A 3
Do you want the card on the discard pile(0) or a new card(1) 1
The card you are playing is 5
Replace a card(0) or toss it(1)? 0
AAA, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 2 2
8 A 4
8 A 3
* * 2
Replace this card(0) or toss(1)? 1
Discard pile has 5
BBB's turn:
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Here is your board.
A 2 K
* 3 K
Do you want the card on the discard pile(0) or a new card(1) 0
BBB, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 1 0
Discard pile has 4
AAA's turn:
Here is your board.
8 A 4
8 A 3
Do you want the card on the discard pile(0) or a new card(1) 1
The card you are playing is 7
Replace a card(0) or toss it(1)? 0
AAA, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 2 0
8 A 4
8 A 3
8 * 2
Replace this card(0) or toss(1)? 1
Discard pile has 6
BBB's turn:
Here is your board.
A 2 K
5 3 K
* 3 *
Do you want the card on the discard pile(0) or a new card(1) 0
BBB, do you want to replace a flipped card(0) or flip a new card(1) 1
Which non-flipped card do you want to flip (row col)? 2 0
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Discard pile has 2
AAA's turn:
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Here is your board.

8 A 4

8 A 3 8 * 2

Do you want the card on the discard pile(0) or a new card(1) 0 AAA, do you want to replace a flipped card(0) or flip a new card(1) 1 Which non-flipped card do you want to flip (row col)? 2 1

AAA has turned over all cards.

Time to calculate points! Here are your boards with all cards turned over

AAA			BBB			
						 -
8	Α	4	А	2	K	
8	Α	3	5	3	K	
8	2	2	6	3	J	

Final results: AAA scored 13 BBB scored 30

CONGRATULATIONS!!!!!The winner is AAA