

## DOCUMENTATION:

### Explanation of Each File:

326\_Final.py - This file contains the code for our Roundtable cards game. It handles the game logic, user inputs, and output. The file also writes endgame information to an external text file.

### How to Run the Program:

In order to run the Roundtable cards game from the command line, open your terminal or command prompt. Open the directory which contains “326\_Final.py”. Then run this command:

Windows: python 326\_final.py Name Phone Number

Mac: python3 326\_final.py Name Phone Number

Example Usage (Windows) : python 326\_Final.py John 1234567890

### Interpretation:

The game instructions and explanation are provided upon running the program. The final output will provide information regarding outcome, points, and winnings/losses.

Method/Function	Technique	Person
HumanPlayer.bet()		Etai Admi
GameState.shuffle()	Key function List comprehension	Etai Admi
GameState.point_comparison()	f-string containing expression	Alex Kasaskeris
GameState.write_info()	with statement	Alex Kasaskeris
parse_args()	ArgumentParser	Dan Kalashian
Game function (and __init__'s of GameState and Player classes)	Composition of 2 unique classes	Dan Kalashian
HumanPlayer.choose_initial_cards()	Conditional Expression	Ansh Rekhi
__str__	Magic Method	Ansh Rekhi
PandaData.panda_data_frames	Pyplot	Joseph Cin
PandaData.panda_data_frames	groupby() operations on Pandas DataFrames	Joseph Cin