

# CSE101- Introduction to Programming

## Bonus Assessment

- In this assignment, you need to develop one of the indian variations of Rummy (a card game).
- Indian rummy variations include Points Rummy, Pool Rummy, Deals Rummy etc.
- Link to understand Indian rummy in general:  
<https://rummy.octro.com/tutorial/>
- Links to understand Indian rummy variations:  
<https://www.khelplayrummy.com/rummy-variants>  
<https://www.jungleerummy.com/blog/top-indian-rummy-variations-must-try/>
- You are free to choose any online material to understand the rules of the Indian Rummy variation you want to implement, but do make a README.md file where you mention the variation and the exact rules of the game you have implemented.
- Do make it a game that is played between 2 players.  
(here, have one player as the user, that is the person who runs your code gets to play the game and the other player is managed by the computer.)
- The game has to be made with proper GUI, that is a game window should open where the game runs. Cards should be properly visible as they are while playing a card game on computer.

Example image for visual:



- To make such a game with graphics you need to explore pygame library of python. Feel free to refer to online material to learn how to use pygame. You can install it by running :pip install pygame on the command line.
- Feel free to use any other python package for making gameplay, graphics interactive or which helps you in implementation.
- Feel free to add other interactive features like Leaderboard of high scores or any other interactive feature that comes in your mind.
- In the README.md file, briefly write about the GUI of your game as well. ( basically instructions for the user to play your game)
- Note: PLAGIARISM will be strictly dealt with as per the latest academic dishonesty policy of the institute. Do not copy from your peers or from the internet or any other source.