

COMP10001 Foundations of Computing

Semester 1, 2021

Tutorial Questions: Week 9

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Today we'll be playing Phazed. This is a card game which uses two standard decks of playing cards. Discuss some ways of representing a playing card in Python. In Project 2, we'll use a string consisting of a character for the value and one for the suit.

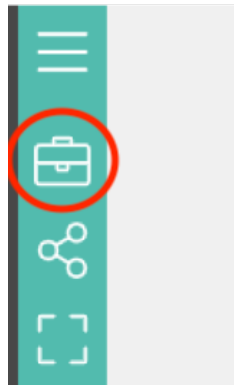
Now play Phazed

It will be a good idea to keep the Project 2 rules at hand whilst playing. These can be found on the LMS under "Home", and then the "Projects" tile. Under "Outline" click "Phazed".

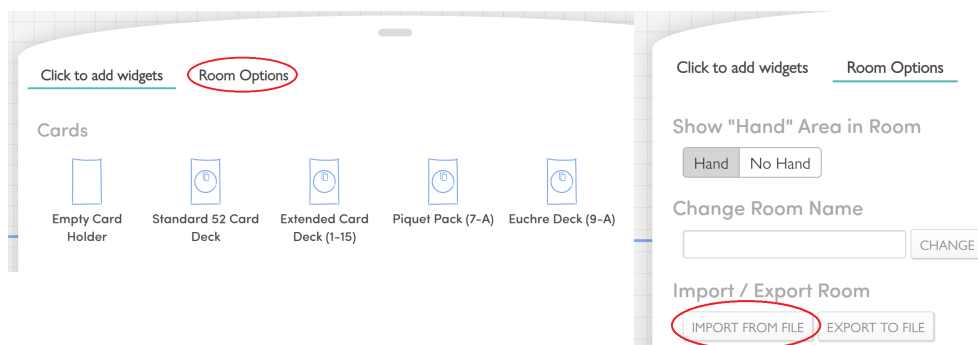
Instructions for Setting up an Online Phazed Game

To create a game room you must follow these instructions. Once set up, anyone with the room's URL can join.

1. Go to https://canvas.lms.unimelb.edu.au/files/7402949/download?download_frd=1 and download the *phazed.pcio* file.
2. Head to <http://playingcards.io/> in your browser. Scroll down and pick a game of any type to create a new room (we will completely overwrite the game type in a bit!). You'll be taken to a new page where you need to click "Start Game". When the game page loads, you can click "Enter" to begin.
3. Ignore the default game that will appear before you, we want to play Phazed! To fix this, click on the briefcase icon in the top left corner to enter "edit mode".

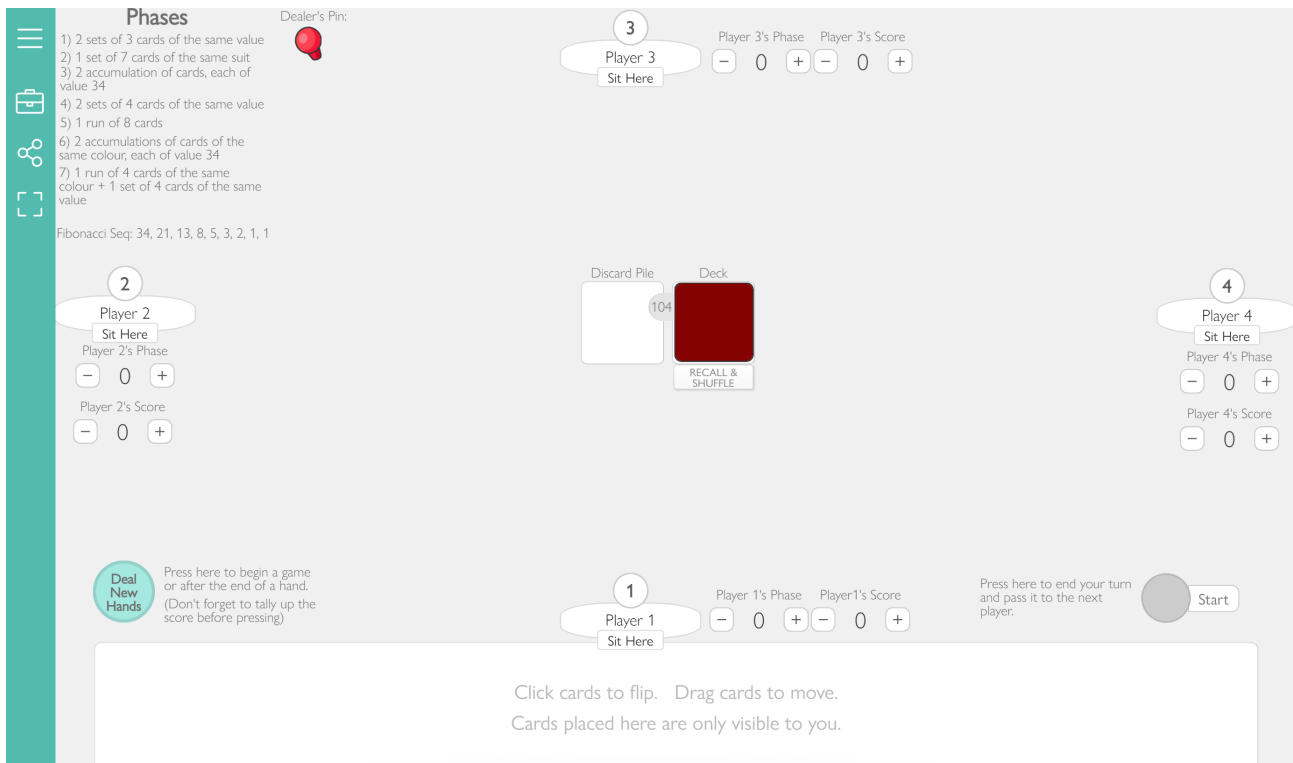


4. Once in edit mode, click on "Room Options", then "Import from file". You will need to import the *phazed.pcio* file that was downloaded earlier.



5. Now click on the briefcase again to exit edit mode. You can now share the hyperlink with friends so that they can play the game with you!

Once everyone has joined the game, you can click “Sit Here” beneath a player number to take a seat, and click “Deal New Hands” to begin a hand. You can play by clicking and dragging cards between your hand and the table. After moving a card from your hand to the table, you can flip the card over by clicking on it.



This service does not know the game’s rules so you will need to coordinate with other players to take turns and decide how to place card groups on the table. Have fun!