**General Outline**

Guess letters that make up word or phrase

Word/phrase has category, general or specific

3 players.

2 rounds w/ all three players.

Player w/ most money goes on to last round.

Wheel has 24 segments

1 LOSE A TURN

1 BANKRUPT

100

150

200

250

300

350

400

450

500

550

600

650

700

750

800

850

900

950

1000

1500

2000

3000

Turns 1 & 2:

Spin wheel

Wheel lands on $ amount

If player guesses consonant correctly:

Letter displayed on board

Player gets $ amount

Player may buy vowel

If player chooses to buy a vowel:

Player loses $250

Player guesses a vowel

Player guesses vowel correctly:

Letter displayed on board

Player guesses vowel incorrectly

Player’s turn continues

If player chooses not to buy a vowel

Player’s turn continues

If player guesses incorrectly:

Player gets no money and their turn ends

Wheel lands on BANKRUPT

Player’s money goes to $0 and their turn ends

Wheel lands on LOSE A TURN

Player’s turn ends

Turn 3:

Player with highest score takes over

Display guessed letters & blanks

Reveal R-S-T-L-N-E in addition to currently guessed letters

Player picks 3 consonants & 1 vowel all at once

New hint displayed

**(Stretch goal)** 10 second timer begins (<https://www.pythonpool.com/python-timer/)>

Player guesses correctly

Player wins cash prize in addition to their pot

Player does not guess correctly

Player loses, takes home ½ of their pot

Play again prompt

**Pseudocode**

words

import json

worddict = {

“word”: “hard coded word”,

“hint”: “hard coded hint”  
}

json.dump(worddict)

wheeloffortune

file = open(word file)

words = file.read()

word\_dict = json.loads(words)

randomness = randomlyselect(between 0 and len(word\_dict) - 1)

target = word\_dict[‘word’][randomness]

hint = word\_dict[‘hint’][randomness]

blank = []

for ltr in target:

blank.append(“\_”)

wheel = [list of wedges]

landed\_on = 0

activeplayer = 0

round = 1

wallet = [0, 0, 0]

guess = “”

validguess = false

buyavowel = false

response = “”

finalguesses = []

gameover = false

print(greet players)

while gameover is false:

while round != 3:

print(“player {activeplayer + 1}’s turn”)

print(“total winnings: $wallet[activeplayer]”)

print(hint)

print(blank)

print(“spinning the wheel...”)

landedon = randomlyselect(wedge)

if landedon == “bankrupt”:

print(“you landed on landedon!”)

wallet[activeplayer] = 0

print(“oh no! your total winnings have returned to zero, and your turn is over.”)

if activeplayer == 2:

print(“on to the next round...”)

round += 1

else:

activeplayer += 1

elif landedon == “lose a turn”:

print(“you landed on landedon!”)

print(“oh no! your turn is over.”)

if activeplayer == 2:

print(“on to the next round...”)

round += 1

else:

activeplayer += 1

else:

print(“you landed on $landedon!”)

guess = input(“guess a consonant, or guess the word!”)

while validguess = false:

if guess is alphabetical:

validguess = true

else:

guess = input(“please only input a letter or word”)

if len(guess) == 1:

while guess != a consonant:

guess = input(“please enter a consonant”)

if guess in target:

for index, ltr in enumerate(target):

if ltr == guess:

blank[index] = guess

print(“good guess! you added ${landedon} to your total!”)

wallet[activeplayer] += landedon

buyavowel = true

while buyavowel is true:

response = input(would you like to buy a vowel for $250?”)

while response != (y/y or n/n):

response = input(“please select y or n!”)

if response = y/y: guess = input(“please enter a vowel”)

while guess != a vowel:

input(“please enter a vowel”)

wallet[activeplayer] -= 250

if guess in target:

for index, ltr in enumerate(target):

if ltr == guess:

blank[index] = guess

print(blank)

print(“good job!”)

else:

buyavowel = false

print(“sorry, but that vowel isn’t in there!”)

else:

if activeplayer == 2:

print(“too bad! on to the next round.)

round += 1

else:

print(“too bad! pass the keyboard to player {activeplayer + 2}!”)

activeplayer += 1

else:

if guess == target:

print(“the word was {target}!”)

print(“you win!”)

wallet[activeplayer] += 50000

print(“your total winnings are: {wallet[activeplayer]}”

gameover = true

else:

print(“sorry, that wasn’t the word!”)

“too bad! pass the keyboard to player {activeplayer + 2}!”

activeplayer += 1

else:

print(“welcome to the final round, player {activeplayer + 1}!”)

print(“if you win this bonus round, you’ll win an additional $50,000 on top of your current winnings.”)

print(“guess four consonants and one vowel.”

for i in range(len(guess - 1)):

finalguesses[index] = input(“consonant {i + 1}:”)

finalguesses[4] = input(“vowel:”)

for item in finalguesses:

for index, ltr in enumerate(target):

if ltr == item:

blank[index] = item

print(blank)

validguess = false

guess = input(“you’ve got one shot to guess the word for $50,000!”)

while validguess = false or len(guess) == 1:

if guess is alphabetical:

validguess = true

else:

guess = input(“please input a word!”)

if guess == target:

print(“congratulations! you win!”)

print(“your winnings are ${wallet[activeplayer] + 50000}!”)

gameover = true

else:

print(“sorry, but that’s not the right word!”)

print(“the word was: {target}”)

print(“you’re still taking home ${wallet[activeplayer]}!”)

gameover = true