

Wheel of Fortune

Pseudocode

import puzzles csv

set rounds dictionary to 3, proper round puzzles with corresponding categories

set up wheel and values

set up list of dictionaries with player, round money, total money

for 3 rounds

 set hidden puzzle to be matching underscore string

 set up chosen letter dictionary all false

 if in first 2 rounds

 show hidden puzzle and category

 choose random player turn index

 while the puzzle hasn't been solved

 print menu

 get menu choice

 while invalid menu choice

 check if menu choice is valid

 if menu choice is spin

 pick random wheel value

 if wheel value is lose a turn

 print next player

 player turn index goes to next player

 else if wheel value is bankrupt

 player round \$ goes to 0

 print next player

 player turn index goes to next player

 else

 get consonant guess

```
while invalid consonant guess
    check if valid guess
if puzzle contains consonant
    set letter on chosen letter dictionary to true
    reveal consonant on hidden puzzle
    increase player round $ by wheel value * count
else
    print next player
    player turn index goes to next player
else if menu choice is buy a vowel
    if player has enough round money
        get vowel
        while valid vowel
            check if input is vowel and not selected
        if puzzle contains vowel
            reveal vowel on hidden puzzle
            subtract 250 from player round $ by wheel value *
count
        else
            print next player
            player turn index goes to next player
else if menu choice is solve the puzzle
    get solve
    while invalid solve
        check if solve is same length as puzzle
    if solve matches puzzle
        add player round money to player total money
    else
        print next player
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```
        player turn index goes to next player
    else
        print invalid choice message
else if in last round
    reveal r, s, t, l, n, e
    get 3 more consonants and a vowel
    while invalid responses
        check if valid 3 consonants and a vowel
    show hidden puzzle and category with responses revealed
    get puzzle guess
    if they guess correctly (one guess)
        player winnings increases by final cash prize
    print total winnings
```