Import random

# of rounds checked with parsing

Prev. input valid

Input # of rounds

Input “start” message to begin game

Valid input?

Valid input?

Start is checked with parsing

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Invalid input

Declare Variables

rounds, player\_score, ai\_score, and ties

Invalid input

Invalid input

Output:

# of rounds played

Print “winner”

Print player\_score, ai\_score, ties

Win to lose ratio

Output:

# of rounds played

Print “lost”

Print player\_score, ai\_score, ties

Win to lose ratio

Output:

# of rounds played

Print “tied”

Print player\_score, ai\_score, ties

Win to lose ratio

elif AI wins

elif User wins

If tied

Define Scores Function

Scores Function Called

If tied

rounds = rounds + 1

player\_score = player\_score + 1

ai\_score = ai\_score + 1

ties = ties + 1

elif User wins

elif AI wins

Logic used to decide if the AI or User gets a point

Random function picks AI’s option of Rock, Paper, or Scissors

Valid input?

Rock Paper Scissors is checked with parsing

Input Rock, Paper, or Scissors

False

While

rounds < rounds inputted by user

Prev. input valid

(Continue program)