

## asgn1 pseudocode

includes

Prototypes

main

Create die (given in assignment)

Create array of names (given in assignment)

Input variables (num\_of\_players & seed)

Other variables(players\_out, num\_of\_rolls, pot, and position, playing(boolean))

Prompt for seed

Prompt for players

Input error check

Create bank array for however many players there are

Set each cell in bank array to 3

Set srand

Loop until game over

    Loop until bank[i] > 0

        Move position right

    Print whos rolling

    Num\_of\_rolls = bank[position]

    If bank[position] > 3

        Num\_of\_rolls = 3

    For (i = 0, i < num\_of\_rolls, i++)

        Roll = die[rand() % 6]

        Switch

            Case 0

                Print name gives \$1 to left

                Bank[position] -= 1

                bank[left(position, num\_of\_players)] += 1

                Break

            Case 1

                Print name gives \$1 to right

                Bank[position] -= 1

                bank[right(position, num\_of\_players)] += 1

                Break

            Case 2

                Print name gives \$1 to pot

                Bank[position] -= 1

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        Break
    Case 3
        Print gets a pass
        Break
    Default
        Print error
        Break

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    If (i == (num_of_rolls - 1)) // players last role
        Print newline

```

Move position right

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Players_out = 0
For i in num of players
    If bank[i] < 1
        Players_out ++
    If players out == num_of_players - 1
        Playing = 0

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Print winner information
Return 0

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Left function (given in assignment)

Right function (given in assignment)

