Assignment 1 design

Pseudocode

Get user inputs:
        Number of vampires playing
        Random seed

Check if valid inputs:
        If not return "invalid"

To check seed validity, go from 0 until UNIT32_MAX

Have an array to keep track of lives

Have an int variable to keep track of rounds

Loop starts at first person and goes in circle

Can keep looping rounds until there is only one person alive (while loop)

Loop through list of names:
        Flow of loop:
                Skip roll if they are dead, 0 lives
                roll first die using random() - store in int variable
                roll second die using random() - store in int variable
                have an int variable add up two dice and store it and compare it to next
vamps roll to compare values
                if next persons added up dice is lower then replace it - save the name associated
with the dice roll
                Check if they rolled a midnight then +1 to life of person to left and right
                print vamp name, print what they rolled with roll matrix

make another function to send the name that loses
takes the name of the person that lost
subtracts 1 from the life counter
Print that they are forced to eat garlic
if life == 0 then they die
If someone only has one life left then print "life" rather than "lives" left

At the end of each round check how many are alive
If only one alive then he is winner