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| --- |
| #!/bin/bash |
|  | # Ace = 1 |
|  | # 2 = 2 |
|  | # ... |
|  | # 10 = 0 |
|  | # Jack = 11 |
|  | # Queen = 12 |
|  | # King = 13 |
|  | class cheatingTheCheat: |
|  | def \_\_init\_\_(self, players, position): |
|  | self.reset() |
|  | self.players = players |
|  | self.position = position |
|  |  |
|  | def reset(self): |
|  | self.players = 0 |
|  | self.position = 0 |
|  | self.sequence = [] |
|  |  |
|  | def main(self): |
|  | self.findSequence() |
|  | print self.sequence |
|  |  |
|  | def findSequence(self): |
|  | start = True |
|  | sequenceTemp = self.position #The person to the left of the dealer is player 1 and plays an Ace. If one is immidiately to the left of player 1, they are player 2. |
|  | while ((self.position != sequenceTemp) or (start == True)): |
|  | self.sequence.append(sequenceTemp) |
|  | sequenceTemp = (sequenceTemp + self.players -1)%13 + 1 |
|  | start = False |
|  |  |
|  | nP = input('How many people are playing? ') |
|  | try: |
|  | nP = int(nP) |
|  | except ValueError: |
|  | print("Invalid number") |
|  | pV = input('If the player to the left of the dealer is position 1 and the player to the left of them is position 2, what is your position? ') |
|  | try: |
|  | pV = int(pV) |
|  | except ValueError: |
|  | print("Invalid number") |
|  | run = cheatingTheCheat(nP, pV) |
|  | run.main() |