```
  1 C:\Users\liya_\.jdks\openjdk-16.0.2\bin\java.exe "-
    javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2021.2.
    1\lib\idea_rt.jar=49742:C:\Program Files\JetBrains\
    IntelliJ IDEA 2021.2.1\bin" -Dfile.encoding=UTF-8 -
    classpath C:\SYSC3110\Monopoly-Game\out\production\
    Monopoly-Game Model.MonopolyGame
  2 Welcome to Monopoly Game!!
  3 Please input the number of player (2~4): 2
  4 Please input the name for Player 1: player1
  5 Please input the name for Player 2: player2
  6
  7 +------------------------+
  8 Board Squares with positions
  9 +------------------------+
 10
 11 Mediterranean Avenue [0]
 12 Baltic Avenue [1]
 13 Oriental Avenue [2]
 14 Vermont Avenue [3]
 15 Connecticut Avenue [4]
 16 St. Charles Place [5]
 17 States Avenue [6]
 18 Virginia Avenue [7]
 19 St. James Place [8]
 20 Tennessee Avenue [9]
 21 New York Avenue [10]
 22 Kentucky Avenue [11]
 23 Indiana Avenue [12]
 24 Illinois Avenue [13]
 25 Atlantic Avenue [14]
 26 Ventnor Avenue [15]
 27 Marvin Gardens [16]
 28 Pacific Avenue [17]
 29 North Carolina Avenue [18]
 30 Pennsylvania Avenue [19]
 31 Park Place [20]
 32 Boardwalk [21]
 33
 34
 35 +-------------------+
 36
 37 Player #1 player1
 38 Cash = $ 300
 39 Properties = []
```

```
40 Current location =  Mediterranean Avenue [0]
41
42 Player #2 player2
43 Cash = $ 300
44 Properties = []
45 Current location =  Mediterranean Avenue [0]
46 +-------------------+
47
48 +----------+
49 NEXT ROUND : player1
50 +----------+
51      Dice Rolled!!
52 Dice #1 = 4    Dice #2 = 2
53 +------------------------+
54 Current location: Mediterranean Avenue [0]
55 If you want to buy States Avenue? (y/n)
56 Price: 50
57 Color: pink
58 y
59 New location: States Avenue [6]
60
61 +----------+
62 NEXT ROUND : player2
63 +----------+
64      Dice Rolled!!
65 Dice #1 = 1    Dice #2 = 6
66 +------------------------+
67 Current location: Mediterranean Avenue [0]
68 If you want to buy Virginia Avenue? (y/n)
69 Price: 50
70 Color: pink
71 y
72 New location: Virginia Avenue [7]
73
74
75 +------------------+
76
77 Player #1 player1
78 Cash = $ 250
79 Properties = [States Avenue [6]]
80 Current location =  States Avenue [6]
81
82 Player #2 player2
83 Cash = $ 250
```

```
 84 Properties = [Virginia Avenue [7]]
 85 Current location =  Virginia Avenue [7]
 86 +------------------+
 87
 88 +---------+
 89 NEXT ROUND : player1
 90 +---------+
 91     Dice Rolled!!
 92 Dice #1 = 3    Dice #2 = 1
 93 +----------------------+
 94 Current location: States Avenue [6]
 95 If you want to buy New York Avenue? (y/n)
 96 Price: 50
 97 Color: orange
 98 y
 99 New location: New York Avenue [10]
100
101 +---------+
102 NEXT ROUND : player2
103 +---------+
104     Dice Rolled!!
105 Dice #1 = 0    Dice #2 = 3
106 +----------------------+
107 Current location: Virginia Avenue [7]
108 !!!You need to pay rent!!!
109 player2 has paid $30
110 player1 has received $30
111 New location: New York Avenue [10]
112
113
114 +------------------+
115
116 Player #1 player1
117 Cash = $ 230
118 Properties = [States Avenue [6], New York Avenue [10]]
119 Current location =  New York Avenue [10]
120
121 Player #2 player2
122 Cash = $ 220
123 Properties = [Virginia Avenue [7]]
124 Current location =  New York Avenue [10]
125 +------------------+
126
127 +---------+
```

```
128 NEXT ROUND : player1
129 +---------+
130     Dice Rolled!!
131 Dice #1 = 3    Dice #2 = 4
132 +----------------------+
133 Current location: New York Avenue [10]
134 If you want to buy Pacific Avenue? (y/n)
135 Price: 50
136 Color: green
137 y
138 New location: Pacific Avenue [17]
139
140 +---------+
141 NEXT ROUND : player2
142 +---------+
143     Dice Rolled!!
144 Dice #1 = 0    Dice #2 = 2
145 +----------------------+
146 Current location: New York Avenue [10]
147 If you want to buy Indiana Avenue? (y/n)
148 Price: 50
149 Color: red
150 y
151 New location: Indiana Avenue [12]
152
153
154 +-----------------+
155
156 Player #1 player1
157 Cash = $ 180
158 Properties = [States Avenue [6], New York Avenue [10],
    Pacific Avenue [17]]
159 Current location =  Pacific Avenue [17]
160
161 Player #2 player2
162 Cash = $ 170
163 Properties = [Virginia Avenue [7], Indiana Avenue [12]]
164 Current location =  Indiana Avenue [12]
165 +-----------------+
166
167 +---------+
168 NEXT ROUND : player1
169 +---------+
170     Dice Rolled!!
```

```
171 Dice #1 = 6      Dice #2 = 4
172 +-----------------------+
173 Current location: Pacific Avenue [17]
174 New location: States Avenue [6]
175
176 +----------+
177 NEXT ROUND : player2
178 +----------+
179      Dice Rolled!!
180 Dice #1 = 0      Dice #2 = 4
181 +-----------------------+
182 Current location: Indiana Avenue [12]
183 If you want to buy Marvin Gardens? (y/n)
184 Price: 50
185 Color: yellow
186 y
187 New location: Marvin Gardens [16]
188
189
190 +-------------------+
191
192 Player #1 player1
193 Cash = $ 180
194 Properties = [States Avenue [6], New York Avenue [10],
    Pacific Avenue [17]]
195 Current location =  States Avenue [6]
196
197 Player #2 player2
198 Cash = $ 120
199 Properties = [Virginia Avenue [7], Indiana Avenue [12],
    Marvin Gardens [16]]
200 Current location =  Marvin Gardens [16]
201 +------------------+
202
203 +----------+
204 NEXT ROUND : player1
205 +----------+
206      Dice Rolled!!
207 Dice #1 = 4      Dice #2 = 1
208 +-----------------------+
209 Current location: States Avenue [6]
210 If you want to buy Kentucky Avenue? (y/n)
211 Price: 50
212 Color: red
```

```
213 y
214 New location: Kentucky Avenue [11]
215
216 +----------+
217 NEXT ROUND : player2
218 +----------+
219      Dice Rolled!!
220 Dice #1 = 5    Dice #2 = 1
221 +----------------------+
222 Current location: Marvin Gardens [16]
223 If you want to buy Baltic Avenue? (y/n)
224 Price: 50
225 Color: brown
226 y
227 New location: Baltic Avenue [1]
228
229
230 +------------------+
231
232 Player #1 player1
233 Cash = $ 130
234 Properties = [States Avenue [6], New York Avenue [10],
    Pacific Avenue [17], Kentucky Avenue [11]]
235 Current location =  Kentucky Avenue [11]
236
237 Player #2 player2
238 Cash = $ 70
239 Properties = [Virginia Avenue [7], Indiana Avenue [12],
    Marvin Gardens [16], Baltic Avenue [1]]
240 Current location =  Baltic Avenue [1]
241 +------------------+
242
243 +----------+
244 NEXT ROUND : player1
245 +----------+
246      Dice Rolled!!
247 Dice #1 = 3    Dice #2 = 5
248 +----------------------+
249 Current location: Kentucky Avenue [11]
250 If you want to buy Pennsylvania Avenue? (y/n)
251 Price: 50
252 Color: green
253 y
254 New location: Pennsylvania Avenue [19]
```

```
255
256 +---------+
257 NEXT ROUND : player2
258 +---------+
259      Dice Rolled!!
260 Dice #1 = 5     Dice #2 = 0
261 +----------------------+
262 Current location: Baltic Avenue [1]
263 !!!You need to pay rent!!!
264 player2 has paid $30
265 player1 has received $30
266 New location: States Avenue [6]
267
268
269 +------------------+
270
271 Player #1 player1
272 Cash = $ 110
273 Properties = [States Avenue [6], New York Avenue [10],
    Pacific Avenue [17], Kentucky Avenue [11], Pennsylvania
    Avenue [19]]
274 Current location =  Pennsylvania Avenue [19]
275
276 Player #2 player2
277 Cash = $ 40
278 Properties = [Virginia Avenue [7], Indiana Avenue [12],
    Marvin Gardens [16], Baltic Avenue [1]]
279 Current location =  States Avenue [6]
280 +-----------------+
281
282 +---------+
283 NEXT ROUND : player1
284 +---------+
285      Dice Rolled!!
286 Dice #1 = 5     Dice #2 = 6
287 +----------------------+
288 Current location: Pennsylvania Avenue [19]
289 If you want to buy Tennessee Avenue? (y/n)
290 Price: 50
291 Color: orange
292 y
293 New location: Tennessee Avenue [9]
294
295 +---------+
```

```
296 NEXT ROUND : player2
297 +---------+
298       Dice Rolled!!
299 Dice #1 = 2     Dice #2 = 6
300 +-----------------------+
301 Current location: States Avenue [6]
302 New location: Atlantic Avenue [14]
303
304
305 +-----------------+
306
307 Player #1 player1
308 Cash = $ 60
309 Properties = [States Avenue [6], New York Avenue [10],
    Pacific Avenue [17], Kentucky Avenue [11], Pennsylvania
    Avenue [19], Tennessee Avenue [9]]
310 Current location =  Tennessee Avenue [9]
311
312 Player #2 player2
313 Cash = $ 40
314 Properties = [Virginia Avenue [7], Indiana Avenue [12],
    Marvin Gardens [16], Baltic Avenue [1]]
315 Current location =  Atlantic Avenue [14]
316 +-----------------+
317
318 +---------+
319 NEXT ROUND : player1
320 +---------+
321       Dice Rolled!!
322 Dice #1 = 5     Dice #2 = 2
323 +-----------------------+
324 Current location: Tennessee Avenue [9]
325 !!!You need to pay rent!!!
326 player1 has paid $30
327 player2 has received $30
328 New location: Marvin Gardens [16]
329
330 +---------+
331 NEXT ROUND : player2
332 +---------+
333       Dice Rolled!!
334 Dice #1 = 2     Dice #2 = 6
335 +-----------------------+
336 Current location: Atlantic Avenue [14]
```

```
337 New location: Baltic Avenue [1]
338
339
340 +-----------------+
341
342 Player #1 player1
343 Cash = $ 30
344 Properties = [States Avenue [6], New York Avenue [10],
    Pacific Avenue [17], Kentucky Avenue [11], Pennsylvania
    Avenue [19], Tennessee Avenue [9]]
345 Current location =  Marvin Gardens [16]
346
347 Player #2 player2
348 Cash = $ 70
349 Properties = [Virginia Avenue [7], Indiana Avenue [12],
    Marvin Gardens [16], Baltic Avenue [1]]
350 Current location =  Baltic Avenue [1]
351 +------------------+
352
353 +---------+
354 NEXT ROUND : player1
355 +---------+
356      Dice Rolled!!
357 Dice #1 = 1     Dice #2 = 0
358 +----------------------+
359 Current location: Marvin Gardens [16]
360 New location: Pacific Avenue [17]
361
362 +---------+
363 NEXT ROUND : player2
364 +---------+
365      Dice Rolled!!
366 Dice #1 = 5     Dice #2 = 3
367 +-----------------------+
368 Current location: Baltic Avenue [1]
369 !!!You need to pay rent!!!
370 player2 has paid $30
371 player1 has received $30
372 New location: Tennessee Avenue [9]
373
374
375 +------------------+
376
377 Player #1 player1
```

```
378 Cash = $ 60
379 Properties = [States Avenue [6], New York Avenue [10],
    Pacific Avenue [17], Kentucky Avenue [11], Pennsylvania
    Avenue [19], Tennessee Avenue [9]]
380 Current location =  Pacific Avenue [17]
381
382 Player #2 player2
383 Cash = $ 40
384 Properties = [Virginia Avenue [7], Indiana Avenue [12],
    Marvin Gardens [16], Baltic Avenue [1]]
385 Current location =  Tennessee Avenue [9]
386 +------------------+
387
388 +---------+
389 NEXT ROUND : player1
390 +---------+
391      Dice Rolled!!
392 Dice #1 = 2     Dice #2 = 3
393 +-----------------------+
394 Current location: Pacific Avenue [17]
395 !!!You need to pay rent!!!
396 player1 has paid $30
397 player2 has received $30
398 New location: Baltic Avenue [1]
399
400 +---------+
401 NEXT ROUND : player2
402 +---------+
403      Dice Rolled!!
404 Dice #1 = 2     Dice #2 = 3
405 +-----------------------+
406 Current location: Tennessee Avenue [9]
407 If you want to buy Atlantic Avenue? (y/n)
408 Price: 50
409 Color: yellow
410 y
411 New location: Atlantic Avenue [14]
412
413
414 +------------------+
415
416 Player #1 player1
417 Cash = $ 30
418 Properties = [States Avenue [6], New York Avenue [10],
```

```
418 Pacific Avenue [17], Kentucky Avenue [11], Pennsylvania
      Avenue [19], Tennessee Avenue [9]]
419 Current location =  Baltic Avenue [1]
420
421 Player #2 player2
422 Cash = $ 20
423 Properties = [Virginia Avenue [7], Indiana Avenue [12],
      Marvin Gardens [16], Baltic Avenue [1], Atlantic Avenue [
      14]]
424 Current location =  Atlantic Avenue [14]
425 +------------------+
426
427 +---------+
428 NEXT ROUND : player1
429 +---------+
430      Dice Rolled!!
431 Dice #1 = 4    Dice #2 = 2
432 +-----------------------+
433 Current location: Baltic Avenue [1]
434 !!!You need to pay rent!!!
435 player1 has paid $30
436 player2 has received $30
437 New location: Virginia Avenue [7]
438
439 player1 is bankrupt, removed from player list
440 +---------+
441 NEXT ROUND : player2
442 +---------+
443      Dice Rolled!!
444 Dice #1 = 1    Dice #2 = 4
445 +-----------------------+
446 Current location: Atlantic Avenue [14]
447 !!!You need to pay rent!!!
448 player2 has paid $30
449 player1 has received $30
450 New location: Pennsylvania Avenue [19]
451
452 Game Over, the winner is: player2
453
454 Process finished with exit code 0
455
```