```
1 /Library/Java/JavaVirtualMachines/jdk1.8.0_202.jdk/Contents
  /Home/bin/java "-javaagent:/Applications/IntelliJ IDEA CE.
  app/Contents/lib/idea_rt.jar=65106:/Applications/IntelliJ
  IDEA CE.app/Contents/bin" -Dfile.encoding=UTF-8 -classpath
   /Library/Java/JavaVirtualMachines/jdk1.8.0_202.jdk/
  Contents/Home/jre/lib/charsets.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib/
  deploy.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_202.
  jdk/Contents/Home/jre/lib/ext/cldrdata.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib/
  ext/dnsns.jar:/Library/Java/JavaVirtualMachines/jdk1.8.
  0_202.jdk/Contents/Home/jre/lib/ext/jaccess.jar:/Library/
  Java/JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre
  /lib/ext/jfxrt.jar:/Library/Java/JavaVirtualMachines/jdk1.8
  .0_202.jdk/Contents/Home/jre/lib/ext/localedata.jar:/
  Library/Java/JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/
  Home/jre/lib/ext/nashorn.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib/
  ext/sunec.jar:/Library/Java/JavaVirtualMachines/jdk1.8.
  0_202.jdk/Contents/Home/jre/lib/ext/sunjce_provider.jar:/
  Library/Java/JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/
  Home/jre/lib/ext/sunpkcs11.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib/
  ext/zipfs.jar:/Library/Java/JavaVirtualMachines/jdk1.8.
  0_202.jdk/Contents/Home/jre/lib/javaws.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib/
  jce.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_202.jdk/
  Contents/Home/jre/lib/jfr.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib/
  jfxswt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_202.
  jdk/Contents/Home/jre/lib/jsse.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib/
  management-agent.jar:/Library/Java/JavaVirtualMachines/jdk1
  .8.0_202.jdk/Contents/Home/jre/lib/plugin.jar:/Library/Java
  /JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/jre/lib
  /resources.jar:/Library/Java/JavaVirtualMachines/jdk1.8.
  0_202.jdk/Contents/Home/jre/lib/rt.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/lib/ant-
  javafx.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_202.
  jdk/Contents/Home/lib/dt.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/lib/
  javafx-mx.jar:/Library/Java/JavaVirtualMachines/jdk1.8.
  0_202.jdk/Contents/Home/lib/jconsole.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/lib/
  packager.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0_202
  .jdk/Contents/Home/lib/sa-jdi.jar:/Library/Java/
  JavaVirtualMachines/jdk1.8.0_202.jdk/Contents/Home/lib/
  tools.jar:/Users/koshtubh.mohata/Documents/olaProject/
  GameOfDice/out/production/GameOfDice DiceGame
2 Welcome to the Dice and roll game!
```

```
 3 (1) Start a new game
 4 (2) Play one round
 5 (3) Exit game
 6 Choose an option:
 7 1
 8 Enter number of players
 9 3
10 Creating new player :: P1
11 Creating new player :: P2
12 Creating new player :: P3
13 ***PLAYERS ORDER OF PLAYING***
14 P3
15 P1
16 P2
17 Please enter the upper score limit for the game.
18 15
19 (1) Start a new game
20 (2) Play one round
21 (3) Exit game
22 Choose an option:
23 2
24 P3 it's your turn. Please press r to toll dice
25 r
26 P3 rolled 1 and scored 1 points, for a total of 1 points.
27 P1 it's your turn. Please press r to toll dice
28 r
29 It's a 6. Congrats you earned yourself one more chance.
   press r to roll again!!
30 r
31 P1 rolled6, rolled again and scored3 points(BONUS POINTS),
   for a total of9 points. TOTAL SCORE : 9 points.
32 P2 it's your turn. Please press r to toll dice
33 r
34 P2 rolled 1 and scored 1 points, for a total of 1 points.
35 ****** RESULT BOARD ******
36 PLAYER NAME P1  PLAYER'S SCORE 9  PLAYER'S RANK 1
37 PLAYER NAME P3  PLAYER'S SCORE 1  PLAYER'S RANK 2
38 PLAYER NAME P2  PLAYER'S SCORE 1  PLAYER'S RANK 3
39 (1) Start a new game
40 (2) Play one round
41 (3) Exit game
42 Choose an option:
43 2
44 P3 it's your turn. Please press r to toll dice
45 r
46 It's a 6. Congrats you earned yourself one more chance.
   press r to roll again!!
47 r
48 P3 rolled6, rolled again and scored4 points(BONUS POINTS),
   for a total of10 points. TOTAL SCORE : 11 points.
```

```
49 P1 it's your turn. Please press r to toll dice
50 r
51 P1 rolled 5 and scored 5 points, for a total of 14 points.
52 P2 it's your turn. Please press r to toll dice
53 r
54 P2 rolled 3 and scored 3 points, for a total of 4 points.
55 ****** RESULT BOARD ******
56 PLAYER NAME P1  PLAYER'S SCORE 14  PLAYER'S RANK 1
57 PLAYER NAME P3  PLAYER'S SCORE 11  PLAYER'S RANK 2
58 PLAYER NAME P2  PLAYER'S SCORE 4  PLAYER'S RANK 3
59 (1) Start a new game
60 (2) Play one round
61 (3) Exit game
62 Choose an option:
63 2
64 P3 it's your turn. Please press r to toll dice
65 r
66 P3 rolled 2 and scored 2 points, for a total of 13 points.
67 P1 it's your turn. Please press r to toll dice
68 r
69 Congrats P1 You have completed game by margin of 1 points.
   Please wait for final result.
70 P2 it's your turn. Please press r to toll dice
71 r
72 P2 rolled 2 and scored 2 points, for a total of 6 points.
73 ****** RESULT BOARD ******
74 PLAYER NAME P1  PLAYER'S SCORE 16  PLAYER'S RANK 1
75 PLAYER NAME P3  PLAYER'S SCORE 13  PLAYER'S RANK 2
76 PLAYER NAME P2  PLAYER'S SCORE 6  PLAYER'S RANK 3
77 P1 has reached the game limit of 15 for a total of 16
   points, P1 has won the game!
78 (1) Start a new game
79 (2) Play one round
80 (3) Exit game
81 Choose an option:
82 2
83 P3 it's your turn. Please press r to toll dice
84 r
85 Congrats P3 You have completed game by margin of 1 points.
   Please wait for final result.
86 P2 it's your turn. Please press r to toll dice
87 r
88 P2 rolled 5 and scored 5 points, for a total of 11 points.
89 ****** RESULT BOARD ******
90 PLAYER NAME P3  PLAYER'S SCORE 16  PLAYER'S RANK 1
91 PLAYER NAME P2  PLAYER'S SCORE 11  PLAYER'S RANK 2
92 P3 has reached the game limit of 15 for a total of 16
   points, P3 has won the game!
93 P2 has lost the game
94 This DiceGame ended
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 95 ****** PRINTING FINAL BOARD OF RESULT WITH FINAL PLAYERS
    STANDING ******
 96 PLAYER NAME : P1 FINAL RANKING 1
 97 PLAYER NAME : P3 FINAL RANKING 2
 98 PLAYER NAME : P2 FINAL RANKING 3
 99 (1) Start a new game
100 (2) Play one round
101 (3) Exit game
102 Choose an option:
103 1
104 Enter number of players
105 3
106 Creating new player :: P1
107 Creating new player :: P2
108 Creating new player :: P3
109 ***PLAYERS ORDER OF PLAYING***
110 P3
111 P1
112 P2
113 Please enter the upper score limit for the game.
114 10
115 (1) Start a new game
116 (2) Play one round
117 (3) Exit game
118 Choose an option:
119 2
120 P3 it's your turn. Please press r to toll dice
121 r
122 It's a 6. Congrats you earned yourself one more chance.
    press r to roll again!!
123 r
124 P3 rolled6, rolled again and scored2 points(BONUS POINTS
    ), for a total of8 points. TOTAL SCORE : 8 points.
125 P1 it's your turn. Please press r to toll dice
126 r
127 P1 rolled 3 and scored 3 points, for a total of 3 points.
128 P2 it's your turn. Please press r to toll dice
129 r
130 P2 rolled 4 and scored 4 points, for a total of 4 points.
131 ****** RESULT BOARD ******
132 PLAYER NAME P3  PLAYER'S SCORE 8  PLAYER'S RANK 1
133 PLAYER NAME P2  PLAYER'S SCORE 4  PLAYER'S RANK 2
134 PLAYER NAME P1  PLAYER'S SCORE 3  PLAYER'S RANK 3
135 (1) Start a new game
136 (2) Play one round
137 (3) Exit game
138 Choose an option:
139 2
140 P3 it's your turn. Please press r to toll dice
141 r
```

142 P3 rolled 2 and scored 2 points, for a total of 10 points.
143 P1 it's your turn. Please press r to toll dice
144 r
145 P1 rolled 3 and scored 3 points, for a total of 6 points.
146 P2 it's your turn. Please press r to toll dice
147 r
148 P2 rolled 4 and scored 4 points, for a total of 8 points.
149 ****** RESULT BOARD ******
150 PLAYER NAME P3 PLAYER'S SCORE 10 PLAYER'S RANK 1
151 PLAYER NAME P2 PLAYER'S SCORE 8 PLAYER'S RANK 2
152 PLAYER NAME P1 PLAYER'S SCORE 6 PLAYER'S RANK 3
153 P3 has reached the game limit of 10 for a total of 10
    points, P3 has won the game!
154 (1) Start a new game
155 (2) Play one round
156 (3) Exit game
157 Choose an option:
158 2
159 P1 it's your turn. Please press r to toll dice
160 r
161 P1 rolled 1 and scored 1 points, for a total of 7 points.
162 P2 it's your turn. Please press r to toll dice
163 r
164 Congrats P2 You have completed game by margin of 1 points
    . Please wait for final result.
165 ****** RESULT BOARD ******
166 PLAYER NAME P2 PLAYER'S SCORE 11 PLAYER'S RANK 1
167 PLAYER NAME P1 PLAYER'S SCORE 7 PLAYER'S RANK 2
168 P2 has reached the game limit of 10 for a total of 11
    points, P2 has won the game!
169 P1 has lost the game
170 This DiceGame ended
171 ****** PRINTING FINAL BOARD OF RESULT WITH FINAL PLAYERS
    STANDING ******
172 PLAYER NAME : P3 FINAL RANKING 1
173 PLAYER NAME : P2 FINAL RANKING 2
174 PLAYER NAME : P1 FINAL RANKING 3
175 (1) Start a new game
176 (2) Play one round
177 (3) Exit game
178 Choose an option:
179 1
180 Enter number of players
181 4
182 Creating new player :: P1
183 Creating new player :: P2
184 Creating new player :: P3
185 Creating new player :: P4
186 ***PLAYERS ORDER OF PLAYING***
187 P2

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188 P1
189 P3
190 P4
191 Please enter the upper score limit for the game.
192 15
193 (1) Start a new game
194 (2) Play one round
195 (3) Exit game
196 Choose an option:
197 2
198 P2 it's your turn. Please press r to toll dice
199 r
200 P2 rolled 5 and scored 5 points, for a total of 5 points.
201 P1 it's your turn. Please press r to toll dice
202 r
203 P1 rolled 1 and scored 1 points, for a total of 1 points.
204 P3 it's your turn. Please press r to toll dice
205 r
206 It's a 6. Congrats you earned yourself one more chance.
    press r to roll again!!
207 r
208 P3 rolled6, rolled again and scored4 points(BONUS POINTS
    ), for a total of10 points. TOTAL SCORE : 10 points.
209 P4 it's your turn. Please press r to toll dice
210 r
211 P4 rolled 3 and scored 3 points, for a total of 3 points.
212 ****** RESULT BOARD ******
213 PLAYER NAME P3  PLAYER'S SCORE 10  PLAYER'S RANK 1
214 PLAYER NAME P2  PLAYER'S SCORE 5  PLAYER'S RANK 2
215 PLAYER NAME P4  PLAYER'S SCORE 3  PLAYER'S RANK 3
216 PLAYER NAME P1  PLAYER'S SCORE 1  PLAYER'S RANK 4
217 (1) Start a new game
218 (2) Play one round
219 (3) Exit game
220 Choose an option:
221 2
222 P2 it's your turn. Please press r to toll dice
223 r
224 It's a 6. Congrats you earned yourself one more chance.
    press r to roll again!!
225 r
226 Congrats P2 You have won by margin of 2 points. Please
    wait for final result.
227 P1 it's your turn. Please press r to toll dice
228 r
229 P1 rolled 1 and scored 1 points, for a total of 2 points.
230 P1 scored two continue ones hence wont play next round.
231 P3 it's your turn. Please press r to toll dice
232 r
233 P3 rolled 2 and scored 2 points, for a total of 12 points.
```

```
234 P4 it's your turn. Please press r to toll dice
235 r
236 P4 rolled 5 and scored 5 points, for a total of 8 points.
237 ****** RESULT BOARD ******
238 PLAYER NAME P2  PLAYER'S SCORE 17  PLAYER'S RANK 1
239 PLAYER NAME P3  PLAYER'S SCORE 12  PLAYER'S RANK 2
240 PLAYER NAME P4  PLAYER'S SCORE 8  PLAYER'S RANK 3
241 PLAYER NAME P1  PLAYER'S SCORE 2  PLAYER'S RANK 4
242 P2 has reached the game limit of 15 for a total of 17
    points, P2 has won the game!
243 (1) Start a new game
244 (2) Play one round
245 (3) Exit game
246 Choose an option:
247 2
248 P3 it's your turn. Please press r to toll dice
249 r
250 P3 rolled 2 and scored 2 points, for a total of 14 points.
251 P4 it's your turn. Please press r to toll dice
252 r
253 P4 rolled 4 and scored 4 points, for a total of 12 points.
254 ****** RESULT BOARD ******
255 PLAYER NAME P3  PLAYER'S SCORE 14  PLAYER'S RANK 1
256 PLAYER NAME P4  PLAYER'S SCORE 12  PLAYER'S RANK 2
257 PLAYER NAME P1  PLAYER'S SCORE 2  PLAYER'S RANK 3
258 (1) Start a new game
259 (2) Play one round
260 (3) Exit game
261 Choose an option:
262 2
263 P1 it's your turn. Please press r to toll dice
264 r
265 It's a 6. Congrats you earned yourself one more chance.
    press r to roll again!!
266 r
267 P1 rolled6, rolled again and scored5 points(BONUS POINTS
    ), for a total of11 points. TOTAL SCORE : 13 points.
268 P3 it's your turn. Please press r to toll dice
269 r
270 Congrats P3 You have completed game by margin of 1 points
    . Please wait for final result.
271 P4 it's your turn. Please press r to toll dice
272 r
273 P4 rolled 2 and scored 2 points, for a total of 14 points.
274 ****** RESULT BOARD ******
275 PLAYER NAME P3  PLAYER'S SCORE 16  PLAYER'S RANK 1
276 PLAYER NAME P4  PLAYER'S SCORE 14  PLAYER'S RANK 2
277 PLAYER NAME P1  PLAYER'S SCORE 13  PLAYER'S RANK 3
278 P3 has reached the game limit of 15 for a total of 16
    points, P3 has won the game!
```

```
279 (1) Start a new game
280 (2) Play one round
281 (3) Exit game
282 Choose an option:
283 2
284 P1 it's your turn. Please press r to toll dice
285 r
286 Congrats P1 You have completed game by margin of 3 points
    . Please wait for final result.
287 P4 it's your turn. Please press r to toll dice
288 r
289 It's a 6. Congrats you earned yourself one more chance.
    press r to roll again!!
290 r
291 Congrats P4 You have won by margin of 9 points. Please
    wait for final result.
292 ****** RESULT BOARD ******
293 PLAYER NAME P4  PLAYER'S SCORE 24  PLAYER'S RANK 1
294 PLAYER NAME P1  PLAYER'S SCORE 18  PLAYER'S RANK 2
295 P1 has reached the game limit of 15 for a total of 18
    points, P1 has won the game!
296 P4 has reached the game limit of 15 for a total of 24
    points, P4 has won the game!
297 There's probably a tie!!!
298 ******* PRINTING FINAL BOARD OF RESULT WITH FINAL PLAYERS
    STANDING *******
299 PLAYER NAME : P2 FINAL RANKING 1
300 PLAYER NAME : P3 FINAL RANKING 2
301 PLAYER NAME : P1 FINAL RANKING 3
302 PLAYER NAME : P4 FINAL RANKING 4
303 (1) Start a new game
304 (2) Play one round
305 (3) Exit game
306 Choose an option:
307
```