

```

1 /Library/Java/JavaVirtualMachines/jdk1.8.0_202.jdk/Contents
/Home/bin/java "-javaagent:/Applications/IntelliJ IDEA CE.
app/Contents/lib/idea_rt.jar=53805:/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-
jvafx.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 4
10 Creating new player :: P1
11 Creating new player :: P2
12 Creating new player :: P3
13 Creating new player :: P4
14 *** PLAYERS ORDER OF PLAYING ***
15 P2
16 P1
17 P4
18 P3
19 Please enter the upper score limit for the game.
20 20
21 (1) Start a new game
22 (2) Play one round
23 (3) Exit game
24 Choose an option:
25 2
26 P2 it's your turn. Please press r to roll dice
27 r
28 P2 rolled 1 and scored 1 points, for a total of 1 points.
29 P1 it's your turn. Please press r to roll dice
30 r
31 P1 rolled 3 and scored 3 points, for a total of 3 points.
32 P4 it's your turn. Please press r to roll dice
33 r
34 P4 rolled 3 and scored 3 points, for a total of 3 points.
35 P3 it's your turn. Please press r to roll dice
36 r
37 P3 rolled 5 and scored 5 points, for a total of 5 points.
38 ***** RESULT BOARD *****
39 PLAYER NAME P3  PLAYER'S SCORE 5  PLAYER'S RANK 1
40 PLAYER NAME P1  PLAYER'S SCORE 3  PLAYER'S RANK 2
41 PLAYER NAME P4  PLAYER'S SCORE 3  PLAYER'S RANK 3
42 PLAYER NAME P2  PLAYER'S SCORE 1  PLAYER'S RANK 4
43 (1) Start a new game
44 (2) Play one round
45 (3) Exit game
46 Choose an option:
47 2
48 P2 it's your turn. Please press r to roll dice
49 r
50 P2 rolled 2 and scored 2 points, for a total of 3 points.
51 P1 it's your turn. Please press r to roll dice
52 r
```

```
53 It's a 6. Congrats you earned yourself one more chance.
   press r to roll again!!
54 r
55 P1 rolled6, rolled again and scored6 points(BONUS POINTS
   ), for a total of12 points. TOTAL SCORE : 15 points.
56 P4 it's your turn. Please press r to roll dice
57 r
58 P4 rolled 3 and scored 3 points, for a total of 6 points.
59 P3 it's your turn. Please press r to roll dice
60 r
61 P3 rolled 1 and scored 1 points, for a total of 6 points.
62 ***** RESULT BOARD *****
63 PLAYER NAME P1  PLAYER'S SCORE 15  PLAYER'S RANK 1
64 PLAYER NAME P4  PLAYER'S SCORE 6   PLAYER'S RANK 2
65 PLAYER NAME P3  PLAYER'S SCORE 6   PLAYER'S RANK 3
66 PLAYER NAME P2  PLAYER'S SCORE 3   PLAYER'S RANK 4
67 (1) Start a new game
68 (2) Play one round
69 (3) Exit game
70 Choose an option:
71 2
72 P2 it's your turn. Please press r to roll dice
73 r
74 P2 rolled 3 and scored 3 points, for a total of 6 points.
75 P1 it's your turn. Please press r to roll dice
76 r
77 P1 rolled 3 and scored 3 points, for a total of 18 points.
78 P4 it's your turn. Please press r to roll dice
79 r
80 P4 rolled 5 and scored 5 points, for a total of 11 points.
81 P3 it's your turn. Please press r to roll dice
82 r
83 P3 rolled 3 and scored 3 points, for a total of 9 points.
84 ***** RESULT BOARD *****
85 PLAYER NAME P1  PLAYER'S SCORE 18  PLAYER'S RANK 1
86 PLAYER NAME P4  PLAYER'S SCORE 11  PLAYER'S RANK 2
87 PLAYER NAME P3  PLAYER'S SCORE 9   PLAYER'S RANK 3
88 PLAYER NAME P2  PLAYER'S SCORE 6   PLAYER'S RANK 4
89 (1) Start a new game
90 (2) Play one round
91 (3) Exit game
92 Choose an option:
93 2
94 P2 it's your turn. Please press r to roll dice
95 r
96 P2 rolled 2 and scored 2 points, for a total of 8 points.
97 P1 it's your turn. Please press r to roll dice
98 r
99 Congrats P1 You have completed game by margin of 3 points
   . Please wait for final result.
```

```
100 P4 it's your turn. Please press r to roll dice
101 r
102 P4 rolled 2 and scored 2 points, for a total of 13 points.
103 P3 it's your turn. Please press r to roll dice
104 r
105 It's a 6. Congrats you earned yourself one more chance.
    press r to roll again!!
106 r
107 Congrats P3 You have won by margin of 1 points. Please
    wait for final result.
108 ***** RESULT BOARD *****
109 PLAYER NAME P1  PLAYER'S SCORE 23  PLAYER'S RANK 1
110 PLAYER NAME P3  PLAYER'S SCORE 21  PLAYER'S RANK 2
111 PLAYER NAME P4  PLAYER'S SCORE 13  PLAYER'S RANK 3
112 PLAYER NAME P2  PLAYER'S SCORE 8   PLAYER'S RANK 4
113 P1 has reached the game limit of 20 for a total of 23
    points, P1 has won the game!
114 P3 has reached the game limit of 20 for a total of 21
    points, P3 has won the game!
115 (1) Start a new game
116 (2) Play one round
117 (3) Exit game
118 Choose an option:
119 2
120 P2 it's your turn. Please press r to roll dice
121 r
122 P2 rolled 1 and scored 1 points, for a total of 9 points.
123 P2 scored two continue ones hence wont play next round.
124 P4 it's your turn. Please press r to roll dice
125 r
126 P4 rolled 5 and scored 5 points, for a total of 18 points.
127 ***** RESULT BOARD *****
128 PLAYER NAME P4  PLAYER'S SCORE 18  PLAYER'S RANK 1
129 PLAYER NAME P2  PLAYER'S SCORE 9   PLAYER'S RANK 2
130 (1) Start a new game
131 (2) Play one round
132 (3) Exit game
133 Choose an option:
134 2
135 P4 it's your turn. Please press r to roll dice
136 r
137 Congrats P4 You have completed game by margin of 2 points
    . Please wait for final result.
138 ***** RESULT BOARD *****
139 PLAYER NAME P4  PLAYER'S SCORE 22  PLAYER'S RANK 1
140 PLAYER NAME P2  PLAYER'S SCORE 9   PLAYER'S RANK 2
141 P4 has reached the game limit of 20 for a total of 22
    points, P4 has won the game!
142 P2 has lost the game
143 This DiceGame ended
```

```
144 ***** PRINTING FINAL BOARD OF RESULT WITH FINAL PLAYERS
    STANDING *****
145 PLAYER NAME : P1 FINAL RANKING 1
146 PLAYER NAME : P3 FINAL RANKING 2
147 PLAYER NAME : P4 FINAL RANKING 3
148 PLAYER NAME : P2 FINAL RANKING 4
149 (1) Start a new game
150 (2) Play one round
151 (3) Exit game
152 Choose an option:
153 3
154 Exiting...
155
156 Process finished with exit code 0
157
```