```
12 Lab 6 : Code Review
     public void get Item (18...3
        litalisassimen it see of white construction
         (cfuperod) ... (des = pres
                  int sun = 1;
                 int [ ] level Of object = { 6, 6, 7, 9, 9 }
                 int [ 1 domage of object = 460,45,74,99,95%
                for ( i = 0; i < swn; i++) { - bops on
                     int smort choice = w. next Int ();
                      if ( sword choice 7 1 42 smord choice 4 5 ) 7 Inon Int 1 $3 5
                         this. Level + level Ofobject [ smooth Choice - 1]; - ofo -1 mm are ison 0
                         this Damage + damage Of dajed [ smort Choice -1];
                         System. print ("ERROR");
                     update state ():
                     down speed = speed * ( 0.1 + C. 4 * 1 evol )
                     speed = max speed - down speed;
             เกาะเลารถ 17 มี เมาการ์ดเหมา รุง กระการเกา ปรุง เลา เลาเลาะเกา
          . วาง ค่องเอ้า เพลง อิงค่า โด เกร เห้องรับ แต่สานๆกพี่ เรื่องาจารัน อิงค่า อองประการ เกราะ เละ นิกลาง ชับ
```

```
1 public void getItem (){
          Scanner s = new Scanner(System.in);
2
3
          System.out.print("Choose a sword(sw) or shield(sh) or all(all) ? : ");
4
          String sw = s.nextLine();
5
          if (sw.equals("sw") || sw.equals("sh") || sw.equals("all")){
6
7
          if (sw.equals("sw")) {
8
          System.out.println("\uD83D\uDDE1\uFE0F You choose the sword \uD83D\uDDE1\
  uFEOF");
9
          System.out.printf("-----%n"):
10
          System.out.printf("|%s | %-15s | %4s | %5s|%n", "NO", "NAME", "LEVEL", "
11
  DAMAGE");
          System.out.printf("-----%n");
12
13
          System.out.printf("| %1d | %-15s | %1d
                                                   %1d
14
                                                             |%n", 1, "Enma", 6, 60
  );
15
          System.out.printf("| %1d | %-15s | %1d
                                                   %1d
                                                             |%n", 2, "Shusui", 8,
  85);
                                                   %1d
                                                             |%n", 3, "Yubashiri", 7
16
          System.out.printf("| %1d | %-15s | %1d
  , 78);
17
          System.out.printf("| %1d | %-15s | %1d
                                                   %1d
                                                             |%n", 4, "Wado
  Ichimonji", 9, 99);
          System.out.printf("| %1d | %-15s | %1d
                                                   %1d
                                                             |%n", 5, "Sandai
18
  Kitetsu", 9, 95);
19
          Scanner w = new Scanner(System.in);
20
          System.out.print("You choose sword number: ");
21
22
          int swn = w.nextInt();
23
          if (swn == 1) {
24
          this.Level += 6;
25
          this. Damage += 60;
26
27
          } else if (swn == 2) {
28
          this.Level += 8;
29
          this.Damage += 85;
30
31
          } else if (swn == 3) {
32
          this.Level += 7;
33
          this.Damage += 78;
34
35
          } else if (swn == 4) {
          this.Level += 9;
36
37
          this.Damage += 99;
38
39
          } else if (swn == 5) {
40
          this.Level += 9;
          this.Damage += 95;
41
42
43
          } else {
          System.out.print("ERROR !!!");
44
45
46
47
          updateState();
48
          //Calculate downSpeed to find the current speed.
49
          downSpeed = Speed*(0.1 + 0.4*Level);
50
          //set current speed
51
          Speed = maxSpeed - downSpeed;
          System.out.printf("-----%n");
52
53
54
          }
```

```
55
56
          if (sw.equals("sh")) {
57
          System.out.println("\uD83D\uDEE1\uFE0F You choose the shield \uD83D\uDEE1\
   uFEOF");
58
          System.out.printf("-----%n"):
59
          System.out.printf("|%s | %-15s | %4s | %5s|%n", "NO", "NAME", "LEVEL", "
60
   DEFENSE");
          System.out.printf("-----%n"):
61
62
63
          System.out.printf("| %1d | %-15s | %1d | %1d
                                                           |%n", 1, "Zeus", 9, 98
   );
          System.out.printf("| %1d | %-15s | %1d | %1d
                                                           |%n", 2, "Ares", 6, 60
64
   );
          System.out.printf("| %1d | %-15s | %1d
65
                                                  | %1d
                                                           |%n", 3, "Poseidon", 8
   , 80);
          System.out.printf("| %1d | %-15s | %1d
                                                  | %1d
                                                           |%n", 4, "Hera", 7, 66
66
   );
                                                           |%n", 5, "Athena", 8,
67
           System.out.printf("| %1d | %-15s | %1d
                                                  %1d
   79);
68
69
          Scanner w = new Scanner(System.in);
70
          System.out.print("You choose shield number: ");
          int swn = w.nextInt();
71
          if (swn == 1) {
72
73
          this.Level += 9;
74
          this.Defense += 98;
75
76
          } else if (swn == 2) {
77
          this.Level += 6;
          this.Defense += 60;
78
79
80
          } else if (swn == 3) {
81
          this.Level += 8;
82
          this.Defense += 80;
83
84
          } else if (swn == 4) {
85
          this.Level += 7;
86
          this.Defense += 66;
87
88
          } else if (swn == 5) {
89
          this.Level += 8;
90
          this.Defense += 79;
91
92
          } else {
93
          System.out.print("ERROR !!!");
94
95
96
          updateState();
 97
           //Calculate downSpeed to find the current speed.
98
           downSpeed = Speed*(0.1 + 0.8*Level);
99
          //set current speed
100
          Speed = maxSpeed - downSpeed;
          System.out.printf("-----%n");
101
102
103
          }
          if (sw.equals("all")) {
104
105
          System.out.println("\uD83D\uDD31 You choose all item \uD83D\uDD31");
106
          System.out.printf("-----| 🛮 \uFEOF
107
     l-----%n");
```

```
System.out.printf("|%s | %-15s | %4s | %5s | %-3s |%s | %-15s | %4s | %5s
108
    |%n", "NO", "NAME", "LEVEL", "DAMAGE", "□\uFEOF", "NO", "NAME", "LEVEL", "DEFENSE");
109
           System.out.printf("-----| 🛮 \uFEOF
                                    ----%n"):
110
           System.out.printf("| %1d | %-15s | %1d
                                                                | %-3s | %1d | %-15s
111
                                                      %1d
     %1d
                         |%n", 1, "Enma", 6, 60,"□\uFEOF", 1, "Zeus", 9, 98);
112
            System.out.printf("| %1d | %-15s | %1d
                                                      %1d
                                                                | %-3s | %1d | %-15s
     | %1d
                         |%n", 2, "Shusui", 8, 85,"□\uFEOF",2, "Ares", 6, 60);
               %1d
113
           System.out.printf("| %1d | %-15s | %1d
                                                      | %1d
                                                               | %-3s | %1d | %-15s
                         |%n", 3, "Yubashiri", 7, 78, "□\uFEOF",3, "Poseidon", 8, 80);
               | %1d
     %1d
            System.out.printf("| %1d | %-15s | %1d
114
                                                      | %1d
                                                               | %-3s | %1d | %-15s
                         |%n", 4, "Wado Ichimonji", 9, 99, "□\uFE0F",4, "Hera", 7, 66);
     %1d
               %1d
115
            System.out.printf("| %1d | %-15s | %1d
                                                    | %1d
                                                              | %-3s | %1d | %-15s
                         |%n", 5, "Sandai Kitetsu", 9, 95, "□\uFE0F",5, "Athena", 8, 79
     %1d
               %1d
    );
116
117
            Scanner w = new Scanner(System.in);
118
           System.out.print("You choose sword number: ");
119
120
           int sw1 = w.nextInt();
            System.out.print("You choose shield number: ");
121
122
           int sh2 = w.nextInt();
123
124
           if (sw1 == 1 && sh2 == 1) {
125
           this.Level += 15;
126
           this.Damage += 60;
           this.Defense += 98;
127
128
129
           } else if (sw1 == 1 && sh2 == 2) {
130
           this.Level += 12;
131
           this. Damage += 60;
132
           this.Defense += 60;
133
           } else if (sw1 == 1 && sh2 == 3) {
134
135
           this.Level += 14;
136
           this.Damage += 60;
137
           this.Defense += 80;
138
139
           } else if (sw1 == 1 && sh2 == 4) {
140
           this.Level += 13;
141
           this. Damage += 60;
142
           this.Defense += 66;
143
           } else if (sw1 == 1 && sh2 == 5) {
144
145
           this.Level += 14;
           this. Damage += 60;
146
147
           this.Defense += 79;
148
149
            }else if (sw1 == 2 && sh2 == 1) {
150
            this.Level += 17;
           this.Damage += 85;
151
152
           this.Defense += 98;
153
154
           } else if (sw1 == 2 && sh2 == 2) {
155
           this.Level += 14;
           this.Damage += 85;
156
157
           this.Defense += 60;
158
159
           } else if (sw1 == 2 && sh2 == 3) {
           this.Level += 16;
160
```

```
161
            this. Damage += 85;
162
            this.Defense += 80;
163
            } else if (sw1 == 2 && sh2 == 4) {
164
165
            this.Level += 15;
            this.Damage += 85;
166
167
            this.Defense += 66;
168
            } else if (sw1 == 2 && sh2 == 5) {
169
            this.Level += 16;
170
171
            this.Damage += 85;
172
            this.Defense += 79;
173
            }else if (sw1 == 3 && sh2 == 1) {
174
175
            this.Level += 16;
            this.Damage += 78;
176
177
            this.Defense += 98;
178
179
            } else if (sw1 == 3 && sh2 == 2) {
180
            this.Level += 13;
            this.Damage += 78;
181
182
            this.Defense += 60;
183
184
            } else if (sw1 == 3 && sh2 == 3) {
185
            this.Level += 15;
186
            this.Damage += 78;
187
            this.Defense += 80;
188
            } else if (sw1 == 3 && sh2 == 4) {
189
            this.Level += 14;
190
191
            this.Damage += 78;
192
            this.Defense += 66;
193
194
            } else if (sw1 == 3 && sh2 == 5) {
195
            this.Level += 15;
196
            this.Damage += 78;
197
            this.Defense += 79;
198
199
            }else if (sw1 == 4 && sh2 == 1) {
200
            this.Level += 18;
201
            this.Damage += 99;
202
            this.Defense += 98;
203
204
            } else if (sw1 == 4 && sh2 == 2) {
205
            this.Level += 15;
206
            this.Damage += 99;
207
            this.Defense += 60;
208
209
            } else if (sw1 == 4 && sh2 == 3) {
210
            this.Level += 17;
            this.Damage += 99;
211
            this.Defense += 80;
212
213
214
            } else if (sw1 == 4 && sh2 == 4) {
215
            this.Level += 16;
216
            this.Damage += 99;
217
            this.Defense += 66;
218
            } else if (sw1 == 4 && sh2 == 5) {
219
            this.Level += 17;
220
221
            this.Damage += 99;
```

```
222
            this.Defense += 79;
223
224
            }else if (sw1 == 5&& sh2 == 1) {
225
            this.Level += 18;
226
            this. Damage += 95;
227
            this.Defense += 98;
228
229
            } else if (sw1 == 5 && sh2 == 2) {
            this.Level += 15;
230
231
            this.Damage += 99;
232
            this.Defense += 60;
233
234
            } else if (sw1 == 5 && sh2 == 3) {
            this.Level += 17;
235
236
            this.Damage += 95;
237
            this.Defense += 80;
238
239
            } else if (sw1 == 5 && sh2 == 4) {
240
            this.Level += 16;
241
            this.Damage += 95;
242
            this.Defense += 66;
243
244
            } else if (sw1 == 5 && sh2 == 5) {
245
            this.Level += 17;
            this.Damage += 95;
246
247
            this.Defense += 79;
248
            }
249
250
            else {
251
            showError();
252
            }
253
254
            updateState();
255
            //Calculate downSpeed to find the current speed.
256
            downSpeed = Speed*(0.1 + 1.2*Level);
257
            //set current speed
258
            Speed = maxSpeed - downSpeed;
259
            System.out.printf(
    ---%n");
260
261
262
            }else {
            showError();
263
264
            }
265
266
            }
```