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1 /Library/Java/JavaVirtualMachines/jdk-16.0.1.jdk/
  Contents/Home/bin/java -javaagent:/Applications/
  IntelliJ IDEA Edu.app/Contents/lib/idea_rt.jar=
  64354:/Applications/IntelliJ IDEA Edu.app/Contents/
  bin -Dfile.encoding=UTF-8 -classpath /Users/User/
  Documents/GitHub/jfsd_assessments/Java/
  JavaAssessment/out/production/JavaAssessment:/Users
  /User/.m2/repository/org/junit/jupiter/junit-
  jupiter/5.4.2/junit-jupiter-5.4.2.jar:/Users/User/.
  m2/repository/org/junit/jupiter/junit-jupiter-api/5
  .4.2/junit-jupiter-api-5.4.2.jar:/Users/User/.m2/
  repository/org/apiguardian/apiguardian-api/1.0.0/
  apiguardian-api-1.0.0.jar:/Users/User/.m2/
  repository/org/opentest4j/opentest4j/1.1.1/
  opentest4j-1.1.1.jar:/Users/User/.m2/repository/org
  /junit/platform/junit-platform-commons/1.4.2/junit-
  platform-commons-1.4.2.jar:/Users/User/.m2/
  repository/org/junit/jupiter/junit-jupiter-params/5
  .4.2/junit-jupiter-params-5.4.2.jar:/Users/User/.m2
  /repository/org/junit/jupiter/junit-jupiter-engine/
  5.4.2/junit-jupiter-engine-5.4.2.jar:/Users/User/.
  m2/repository/org/junit/platform/junit-platform-
  engine/1.4.2/junit-platform-engine-1.4.2.jar com.
  generation.java.Main
2 |-----|
3 | Welcome to StudentGen |
4 |-----|
5 | Select 1 option: |
6 | . 1 Register Student |
7 | . 2 Find Student |
8 | . 3 Grade Student |
9 | . 4 Enroll Student to Course |
10 | . 5 Show Students Summary |
11 | . 6 Show Courses Summary |
12 | . 7 Exit |
13 |-----|
14 1
15 |-----|
16 | . 1 Register Student |
17 |-----|
18 | Enter student name: |
19 Jeanlooi
20 | Enter student ID: |
21 111

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22 | Enter student email: |
23 | jean@gmail.com |
24 | Enter student birth date(MM/dd/yyyy)|
25 | 01/01/1990 |
26 |-----|
27 | Student Successfully Registered!
28 | Student {111', name='Jeanlooi', email='jean@gmail.
   | com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
29 |-----|
30 | Welcome to StudentGen |
31 |-----|
32 | Select 1 option: |
33 | . 1 Register Student |
34 | . 2 Find Student |
35 | . 3 Grade Student |
36 | . 4 Enroll Student to Course |
37 | . 5 Show Students Summary |
38 | . 6 Show Courses Summary |
39 | . 7 Exit |
40 |-----|
41 | 1 |
42 |-----|
43 | . 1 Register Student |
44 |-----|
45 | Enter student name: |
46 | BryanChew |
47 | Enter student ID: |
48 | 222 |
49 | Enter student email: |
50 | bryan@gmail.com |
51 | Enter student birth date(MM/dd/yyyy)|
52 | 02/02/1990 |
53 |-----|
54 | Student Successfully Registered!
55 | Student {222', name='BryanChew', email='bryan@gmail
   | .com', birthDate=Fri Feb 02 00:00:00 SGT 1990}
56 |-----|
57 | Welcome to StudentGen |
58 |-----|
59 | Select 1 option: |
60 | . 1 Register Student |
61 | . 2 Find Student |
62 | . 3 Grade Student |
63 | . 4 Enroll Student to Course |

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64 | . 5 Show Students Summary |
65 | . 6 Show Courses Summary |
66 | . 7 Exit |
67 |-----|
68 2
69 Enter student ID:
70 222
71 Student Found:
72 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
73 |-----|
74 | Welcome to StudentGen |
75 |-----|
76 | Select 1 option: |
77 | . 1 Register Student |
78 | . 2 Find Student |
79 | . 3 Grade Student |
80 | . 4 Enroll Student to Course |
81 | . 5 Show Students Summary |
82 | . 6 Show Courses Summary |
83 | . 7 Exit |
84 |-----|
85 4
86 Insert student ID
87 111
88 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
89 Insert course ID
90 INTRO-CS-4
91 Course{code='INTRO-CS-4', name='Algorithm Design
    and Problem Solving - Advanced', credits=9, module
    =Module{name='Introduction to Computer Science'}}
92 Student with ID: 111 enrolled successfully to
    INTRO-CS-4
93 |-----|
94 | Welcome to StudentGen |
95 |-----|
96 | Select 1 option: |
97 | . 1 Register Student |
98 | . 2 Find Student |
99 | . 3 Grade Student |
100 | . 4 Enroll Student to Course |
101 | . 5 Show Students Summary |

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102 | . 6 Show Courses Summary |
103 | . 7 Exit |
104 |-----|
105 4
106 Insert student ID
107 111
108 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
109 Insert course ID
110 INTRO-WEB-6
111 Course{code='INTRO-WEB-6', name='Introduction to
    Bootstrap Framework', credits=9, module=Module{
    name='Web Development Fundamentals'}}
112 Student with ID: 111 enrolled successfully to
    INTRO-WEB-6
113 |-----|
114 | Welcome to StudentGen |
115 |-----|
116 | Select 1 option: |
117 | . 1 Register Student |
118 | . 2 Find Student |
119 | . 3 Grade Student |
120 | . 4 Enroll Student to Course |
121 | . 5 Show Students Summary |
122 | . 6 Show Courses Summary |
123 | . 7 Exit |
124 |-----|
125 4
126 Insert student ID
127 222
128 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
129 Insert course ID
130 INTRO-CS-7
131 Course{code='INTRO-CS-7', name='Agile Software
    Development with SCRUM', credits=9, module=Module{
    name='Introduction to Computer Science'}}
132 Student with ID: 222 enrolled successfully to
    INTRO-CS-7
133 |-----|
134 | Welcome to StudentGen |
135 |-----|
136 | Select 1 option: |

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137 | . 1 Register Student |
138 | . 2 Find Student |
139 | . 3 Grade Student |
140 | . 4 Enroll Student to Course |
141 | . 5 Show Students Summary |
142 | . 6 Show Courses Summary |
143 | . 7 Exit |
144 |-----|
145 4
146 Insert student ID
147 222
148 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
149 Insert course ID
150 INTRO-CS-4
151 Course{code='INTRO-CS-4', name='Algorithm Design
    and Problem Solving - Advanced', credits=9, module
    =Module{name='Introduction to Computer Science'}}
152 Student with ID: 222 enrolled successfully to
    INTRO-CS-4
153 |-----|
154 | Welcome to StudentGen |
155 |-----|
156 | Select 1 option: |
157 | . 1 Register Student |
158 | . 2 Find Student |
159 | . 3 Grade Student |
160 | . 4 Enroll Student to Course |
161 | . 5 Show Students Summary |
162 | . 6 Show Courses Summary |
163 | . 7 Exit |
164 |-----|
165 5
166 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
167 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
168 |-----|
169 | Welcome to StudentGen |
170 |-----|
171 | Select 1 option: |
172 | . 1 Register Student |

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173 | . 2 Find Student |
174 | . 3 Grade Student |
175 | . 4 Enroll Student to Course |
176 | . 5 Show Students Summary |
177 | . 6 Show Courses Summary |
178 | . 7 Exit |
179 |-----|
180 6
181 Available Courses:
182 Course{code='INTRO-CS-1', name='Introduction to
    Computer Science', credits=9, module=Module{name='
    Introduction to Computer Science'}}
183 Course{code='INTRO-CS-3', name='Algorithm Design
    and Problem Solving - Introduction ', credits=9,
    module=Module{name='Introduction to Computer
    Science'}}
184 Course{code='INTRO-CS-2', name='Introduction to
    Algorithms', credits=9, module=Module{name='
    Introduction to Computer Science'}}
185 Course{code='INTRO-CS-5', name='Terminal
    Fundamentals', credits=9, module=Module{name='
    Introduction to Computer Science'}}
186 Course{code='INTRO-CS-4', name='Algorithm Design
    and Problem Solving - Advanced', credits=9, module
    =Module{name='Introduction to Computer Science'}}
187 Course{code='INTRO-CS-7', name='Agile Software
    Development with SCRUM', credits=9, module=Module{
    name='Introduction to Computer Science'}}
188 Course{code='INTRO-CS-6', name='Source Control
    Using Git and Github', credits=9, module=Module{
    name='Introduction to Computer Science'}}
189 Course{code='INTRO-WEB-6', name='Introduction to
    Bootstrap Framework', credits=9, module=Module{
    name='Web Development Fundamentals'}}
190 Course{code='INTRO-WEB-7', name='Introduction to
    JavaScript for Web Development', credits=9, module
    =Module{name='Web Development Fundamentals'}}
191 Course{code='INTRO-WEB-2', name='Introduction to
    HTML', credits=9, module=Module{name='Web
    Development Fundamentals'}}
192 Course{code='INTRO-WEB-3', name='Introduction to
    CSS', credits=9, module=Module{name='Web
    Development Fundamentals'}}
193 Course{code='INTRO-WEB-4', name='Advanced HTML',

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193 credits=9, module=Module{name='Web Development
    Fundamentals'}}
194 Course{code='INTRO-WEB-5', name='Advanced CSS',
    credits=9, module=Module{name='Web Development
    Fundamentals'}}
195 Course{code='INTRO-WEB-1', name='Introduction to
    Web Applications', credits=9, module=Module{name='
    Web Development Fundamentals'}}
196 Enrolled Students
197 Students on Course INTRO-WEB-6:
198 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
199 Students on Course INTRO-CS-4:
200 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
201 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
202 Students on Course INTRO-CS-7:
203 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
204 |-----|
205 | Welcome to StudentGen |
206 |-----|
207 | Select 1 option: |
208 | . 1 Register Student |
209 | . 2 Find Student |
210 | . 3 Grade Student |
211 | . 4 Enroll Student to Course |
212 | . 5 Show Students Summary |
213 | . 6 Show Courses Summary |
214 | . 7 Exit |
215 |-----|
216 3
217 Enter student ID:
218 111
219 Enrolled course:
220 course:
221 course:
222 Insert course ID to be graded
223 INTRO-WEB-6
224 Insert course grade for: Introduction to Bootstrap
    Framework

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225 80
226 |-----|
227 | Welcome to StudentGen |
228 |-----|
229 | Select 1 option:      |
230 | . 1 Register Student  |
231 | . 2 Find Student      |
232 | . 3 Grade Student     |
233 | . 4 Enroll Student to Course |
234 | . 5 Show Students Summary |
235 | . 6 Show Courses Summary |
236 | . 7 Exit              |
237 |-----|
238 3
239 Enter student ID:
240 222
241 Enrolled course:
242 course:
243 course:
244 Insert course ID to be graded
245 INTRO-CS-4
246 Insert course grade for: Algorithm Design and
    Problem Solving - Advanced
247 100
248 |-----|
249 | Welcome to StudentGen |
250 |-----|
251 | Select 1 option:      |
252 | . 1 Register Student  |
253 | . 2 Find Student      |
254 | . 3 Grade Student     |
255 | . 4 Enroll Student to Course |
256 | . 5 Show Students Summary |
257 | . 6 Show Courses Summary |
258 | . 7 Exit              |
259 |-----|
260 5
261 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
262 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
263 |-----|
264 | Welcome to StudentGen |

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265 |-----|
266 | Select 1 option: |
267 | . 1 Register Student |
268 | . 2 Find Student |
269 | . 3 Grade Student |
270 | . 4 Enroll Student to Course |
271 | . 5 Show Students Summary |
272 | . 6 Show Courses Summary |
273 | . 7 Exit |
274 |-----|
275 6
276 Available Courses:
277 Course{code='INTRO-CS-1', name='Introduction to
    Computer Science', credits=9, module=Module{name='
    Introduction to Computer Science'}}
278 Course{code='INTRO-CS-3', name='Algorithm Design
    and Problem Solving - Introduction ', credits=9,
    module=Module{name='Introduction to Computer
    Science'}}
279 Course{code='INTRO-CS-2', name='Introduction to
    Algorithms', credits=9, module=Module{name='
    Introduction to Computer Science'}}
280 Course{code='INTRO-CS-5', name='Terminal
    Fundamentals', credits=9, module=Module{name='
    Introduction to Computer Science'}}
281 Course{code='INTRO-CS-4', name='Algorithm Design
    and Problem Solving - Advanced', credits=9, module
    =Module{name='Introduction to Computer Science'}}
282 Course{code='INTRO-CS-7', name='Agile Software
    Development with SCRUM', credits=9, module=Module{
    name='Introduction to Computer Science'}}
283 Course{code='INTRO-CS-6', name='Source Control
    Using Git and Github', credits=9, module=Module{
    name='Introduction to Computer Science'}}
284 Course{code='INTRO-WEB-6', name='Introduction to
    Bootstrap Framework', credits=9, module=Module{
    name='Web Development Fundamentals'}}
285 Course{code='INTRO-WEB-7', name='Introduction to
    JavaScript for Web Development', credits=9, module
    =Module{name='Web Development Fundamentals'}}
286 Course{code='INTRO-WEB-2', name='Introduction to
    HTML', credits=9, module=Module{name='Web
    Development Fundamentals'}}
287 Course{code='INTRO-WEB-3', name='Introduction to

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287 CSS', credits=9, module=Module{name='Web
    Development Fundamentals'}}
288 Course{code='INTRO-WEB-4', name='Advanced HTML',
    credits=9, module=Module{name='Web Development
    Fundamentals'}}
289 Course{code='INTRO-WEB-5', name='Advanced CSS',
    credits=9, module=Module{name='Web Development
    Fundamentals'}}
290 Course{code='INTRO-WEB-1', name='Introduction to
    Web Applications', credits=9, module=Module{name='
    Web Development Fundamentals'}}
291 Enrolled Students
292 Students on Course INTRO-WEB-6:
293 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
294 Students on Course INTRO-CS-4:
295 Student {111', name='Jeanlooi', email='jean@gmail.
    com', birthDate=Mon Jan 01 00:00:00 SGT 1990}
296 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
297 Students on Course INTRO-CS-7:
298 Student {222', name='BryanChew', email='bryan@
    gmail.com', birthDate=Fri Feb 02 00:00:00 SGT 1990
    }
299 |-----|
300 | Welcome to StudentGen |
301 |-----|
302 | Select 1 option: |
303 | . 1 Register Student |
304 | . 2 Find Student |
305 | . 3 Grade Student |
306 | . 4 Enroll Student to Course |
307 | . 5 Show Students Summary |
308 | . 6 Show Courses Summary |
309 | . 7 Exit |
310 |-----|
311 7
312
313 Process finished with exit code 0
314
```