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1 "C:\Program Files\Java\jdk-18.0.1.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ
  IDEA Educational Edition 2022.1\lib\idea_rt.jar=49740:C:\Program Files\JetBrains\IntelliJ IDEA
  Educational Edition 2022.1\bin" -Dfile.encoding=UTF-8 -classpath C:\Users\Eileen\Desktop\
  JavaPracticeFiles\out\production\JavaPracticeFiles CompositionClass.CourseService.Main
2
3 >>>> Initial Launch: Getting All Course Information >>>>
4
5 Course Catalogue:
6 Course #1 [ Course ID: CSS1, Name: Introduction to CSS, Credits: 4 ]
7 Course #2 [ Course ID: JS1, Name: Introduction to JavaScript, Credits: 5 ]
8 Course #3 [ Course ID: HTML1, Name: Introduction to HTML, Credits: 3 ]
9 Course #4 [ Course ID: JAVA1, Name: Introduction to Java, Credits: 5 ]
10
11 >>>> Perform Action: Adding New Courses >>>>
12
13 New course [ SQL1: Introduction to SQL (4 Credits) ] has been added.
14 Error! Course ID [ SQL1 ] already exists, please check and try again.
15 New course [ HTML2: HTML 404: Error No More (1 Credits) ] has been added.
16 New course [ JAVA2: Java for Dummies (1 Credits) ] has been added.
17 New course [ JS2: JavaScript is Dead (1 Credits) ] has been added.
18
19 << Add a New Course >>
20 Please enter a new Course ID: REACT1
21 Please enter the new Course Name: Introduction to REACT
22 Please enter the new Course Credits: 4
23 New course [ REACT1: Introduction to REACT (4 Credits) ] has been added.
24
25 >>>> Perform Action: Removing Existing Courses >>>>
26
27 Error! Course ID [ JS ] does not exist, please check and try again.
28 Course [ ID: JS2 ] has been removed.
29
30 >>>> Perform Action: Updating Existing Courses >>>>
31
32 Do you want to update information for Course ID [ HTML2 ]? Enter Y/N : Y
33 Update Course ID: [ HTML2 ] to: HTML2
34 Update Course Name: [ HTML 404: Error No More ] to: HTML 404: Error Returns
35 Update Course Credits: [ 1 ] to: 2
36 Changes have been saved as [ Course ID: HTML2, Name: HTML 404: Error Returns, Credits: 2 ]
37
38 >>>> Perform Action: Getting All Course Information >>>>
39
40 Course Catalogue:
41 Course #1 [ Course ID: CSS1, Name: Introduction to CSS, Credits: 4 ]
42 Course #2 [ Course ID: JAVA2, Name: Java for Dummies, Credits: 1 ]
43 Course #3 [ Course ID: SQL1, Name: Introduction to SQL, Credits: 4 ]
44 Course #4 [ Course ID: JS1, Name: Introduction to JavaScript, Credits: 5 ]
45 Course #5 [ Course ID: HTML2, Name: HTML 404: Error Returns, Credits: 2 ]
46 Course #6 [ Course ID: REACT1, Name: Introduction to REACT, Credits: 4 ]
47 Course #7 [ Course ID: HTML1, Name: Introduction to HTML, Credits: 3 ]
48 Course #8 [ Course ID: JAVA1, Name: Introduction to Java, Credits: 5 ]
49
50 >>>> Perform Action: Finding a Course >>>>
51
52 Course Search Results:
53 Course ID [ JAVA ] does not exist in the database.
54 Course Search Results:
55 [ Course ID: JAVA1, Name: Introduction to Java, Credits: 5 ]
56
57 >>>> Initial Launch: Getting All Student Information >>>>
58
59 Student Database:
60 Student #1 [ Student ID: S003, Student Name: Coffee Black, Enrolled Courses: [ ] ]
61 Student #2 [ Student ID: S001, Student Name: Eileen Tan, Enrolled Courses: [ ] ]
62 Student #3 [ Student ID: S002, Student Name: Cola Tan, Enrolled Courses: [ ] ]
63
64 >>>> Perform Action: Adding New Students >>>>
65
66 Error! Student ID [ S001 ] already exists, please check and try again.
67 New student [ ID: S004, Name: Boba Tea ] has been added.
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68 New student [ ID: S005, Name: Jean Looi ] has been added.
69
70 >>>> Perform Action: Removing Existing Students >>>>
71
72 Error! Student ID [ S000 ] does not exist, please check and try again.
73 Student [ ID: S005 ] has been removed.
74
75 >>>> Perform Action: Updating Existing Student Information >>>>
76
77 Do you want to update information for Student ID [ S003 ]? Enter Y/N : Y
78 Update Student ID: [ S003 ] to: S003
79 Update Student Name: [ Coffee Black ] to: Coffee Milk
80 Changes have been saved as [ Student ID: S003, Student Name: Coffee Milk, Enrolled Courses: [ ] ]
81
82 >>>> Perform Action: Getting All Student Information (Before Course Enrollment) >>>>
83
84 Student Database:
85 Student #1 [ Student ID: S003, Student Name: Coffee Milk, Enrolled Courses: [ ] ]
86 Student #2 [ Student ID: S004, Student Name: Boba Tea, Enrolled Courses: [ ] ]
87 Student #3 [ Student ID: S001, Student Name: Eileen Tan, Enrolled Courses: [ ] ]
88 Student #4 [ Student ID: S002, Student Name: Cola Tan, Enrolled Courses: [ ] ]
89
90 >>>> Perform Action: Enrolling Course to Student >>>>
91
92 Student ID [ S000 ] and/or Course ID [ JAVA1 ] are incorrect, please check and try again.
93 Student ID [ S001 ] has enrolled for Course ID [ JAVA1 ].
94 Student ID [ S001 ] has enrolled for Course ID [ JS1 ].
95 Student ID [ S001 ] has enrolled for Course ID [ SQL1 ].
96 Student ID [ S002 ] has enrolled for Course ID [ HTML1 ].
97 Student ID [ S003 ] has enrolled for Course ID [ CSS1 ].
98 Student ID [ S004 ] has enrolled for Course ID [ JAVA2 ].
99
100 >>>> Perform Action: Un-enrolling Course from Student >>>>
101
102 Student ID [ S001 ] and/or Course ID [ SQLL ] are incorrect, please check and try again.
103 Student ID [ S001 ] has un-enrolled from Course ID [ SQL1 ].
104
105 >>>> Perform Action: Getting All Student Information (After Course Enrollment) >>>>
106
107 Student Database:
108 Student #1 [ Student ID: S003, Student Name: Coffee Milk, Enrolled Courses: [Course ID: CSS1,
    Name: Introduction to CSS, Credits: 4] ]
109 Student #2 [ Student ID: S004, Student Name: Boba Tea, Enrolled Courses: [Course ID: JAVA2, Name
    : Java for Dummies, Credits: 1] ]
110 Student #3 [ Student ID: S001, Student Name: Eileen Tan, Enrolled Courses: [Course ID: JAVA1,
    Name: Introduction to Java, Credits: 5, Course ID: JS1, Name: Introduction to JavaScript, Credits
    : 5] ]
111 Student #4 [ Student ID: S002, Student Name: Cola Tan, Enrolled Courses: [Course ID: HTML1, Name
    : Introduction to HTML, Credits: 3] ]
112
113 >>>> Perform Action: Displaying Student Information >>>>
114
115 Student Search Results:
116 [ Student ID: S001, Student Name: Eileen Tan, Enrolled Courses: [Course ID: JAVA1, Name:
    Introduction to Java, Credits: 5, Course ID: JS1, Name: Introduction to JavaScript, Credits: 5] ]
117
118 >>>> Perform Action: Checking Total Number of Courses Enrolled for Student >>>>
119
120 Course Enrollment Status:
121 [ Student ID: S001, Number of Courses Enrolled: 2 ]
122 My Courses:
123 [Course ID: JAVA1, Name: Introduction to Java, Credits: 5, Course ID: JS1, Name: Introduction to
    JavaScript, Credits: 5]
124
125 >>>> Perform Action: Checking Total Course Credits for Student >>>>
126
127 Course Enrollment Credits:
128 [ Student ID: S001, Total Course Credits: 10 ]
129
130 Process finished with exit code 0
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