

```
1 /Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/bin/java -
  javaagent:/Users/griffinrobinson/Applications/
  IntelliJ IDEA Ultimate.app/Contents/lib/idea_rt.jar
  =51173 -Dfile.encoding=UTF-8 -classpath /Users/
  griffinrobinson/Library/Java/JavaVirtualMachines/
  iberica-1.8.0_442/jre/lib/charsets.jar:/Users/
  griffinrobinson/Library/Java/JavaVirtualMachines/
  iberica-1.8.0_442/jre/lib/ext/cldrdata.jar:/Users/
  griffinrobinson/Library/Java/JavaVirtualMachines/
  iberica-1.8.0_442/jre/lib/ext/dnsns.jar:/Users/
  griffinrobinson/Library/Java/JavaVirtualMachines/
  iberica-1.8.0_442/jre/lib/ext/jaccess.jar:/Users/
  griffinrobinson/Library/Java/JavaVirtualMachines/
  iberica-1.8.0_442/jre/lib/ext/localedata.jar:/
  Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/jre/lib/ext/
  nashorn.jar:/Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/jre/lib/ext/
  sunec.jar:/Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/jre/lib/ext/
  sunjce_provider.jar:/Users/griffinrobinson/Library/
  Java/JavaVirtualMachines/iberica-1.8.0_442/jre/lib
  /ext/sunpkcs11.jar:/Users/griffinrobinson/Library/
  Java/JavaVirtualMachines/iberica-1.8.0_442/jre/lib
  /ext/zipfs.jar:/Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/jre/lib/jce.
  jar:/Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/jre/lib/jfr.
  jar:/Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/jre/lib/jsse
  .jar:/Users/griffinrobinson/Library/Java/
  JavaVirtualMachines/iberica-1.8.0_442/jre/lib/
  management-agent.jar:/Users/griffinrobinson/Library
  /Java/JavaVirtualMachines/iberica-1.8.0_442/jre/
  lib/resources.jar:/Users/griffinrobinson/Library/
  Java/JavaVirtualMachines/iberica-1.8.0_442/jre/lib
  /rt.jar:/Users/griffinrobinson/Library/CloudStorage
  /OneDrive-Personal/Trent/2240-Software Design &
  Modelling/Assignments/Assignment-3/COIS-2240-
  Assignment3/out/production/COIS-2240-Assignment3
```

```
1 src.VehicleRentalApp
2 1: Add src.Vehicle
3 2: Add src.Customer
4 3: Rent src.Vehicle
5 4: Return src.Vehicle
6 5: Display Available Vehicles
7 6: Show Rental History
8 7: Exit
9 2
10 Enter customer ID: 001
11 Enter name: George
12 src.Customer added.
13 1: Add src.Vehicle
14 2: Add src.Customer
15 3: Rent src.Vehicle
16 4: Return src.Vehicle
17 5: Display Available Vehicles
18 6: Show Rental History
19 7: Exit
20 2
21 Enter customer ID: 002
22 Enter name: Anne
23 src.Customer added.
24 1: Add src.Vehicle
25 2: Add src.Customer
26 3: Rent src.Vehicle
27 4: Return src.Vehicle
28 5: Display Available Vehicles
29 6: Show Rental History
30 7: Exit
31 1
32   1: src.Car
33   2: src.Motorcycle
34   3: src.Truck
35 1
36 Enter license plate: AAA111
37 Enter make: Toyota
38 Enter model: Corolla
39 Enter year: 2019
40 Enter number of seats: 5
41 src.Car added successfully.
```

```
42 src.Vehicle added.
43 1: Add src.Vehicle
44 2: Add src.Customer
45 3: Rent src.Vehicle
46 4: Return src.Vehicle
47 5: Display Available Vehicles
48 6: Show Rental History
49 7: Exit
50 1
51     1: src.Car
52     2: src.Motorcycle
53     3: src.Truck
54 1
55 Enter license plate: BBB222
56 Enter make: Honda
57 Enter model: Civic
58 Enter year: 2021
59 Enter number of seats: 5
60 src.Car added successfully.
61 src.Vehicle added.
62 1: Add src.Vehicle
63 2: Add src.Customer
64 3: Rent src.Vehicle
65 4: Return src.Vehicle
66 5: Display Available Vehicles
67 6: Show Rental History
68 7: Exit
69 1
70     1: src.Car
71     2: src.Motorcycle
72     3: src.Truck
73 1
74 Enter license plate: CCC333
75 Enter make: Ford
76 Enter model: Focus
77 Enter year: 2024
78 Enter number of seats: 5
79 src.Car added successfully.
80 src.Vehicle added.
81 1: Add src.Vehicle
82 2: Add src.Customer
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83 3: Rent src.Vehicle
84 4: Return src.Vehicle
85 5: Display Available Vehicles
86 6: Show Rental History
87 7: Exit
88 3
89 List of Vehicles:
90 |      Type      |      Plate      |      Make      |
   Model |      Year      |
91 -----
92 |      src.Car      |      AAA111      |      Toyota      |
   |      Corolla      |      2019      |
93 |      src.Car      |      BBB222      |      Honda      |
   |      Civic      |      2021      |
94 |      src.Car      |      CCC333      |      Ford      |
   |      Focus      |      2024      |
95
96 Enter license plate: AAA111
97 Registered Customers:
98   src.Customer ID: 1 | Name: George
99   src.Customer ID: 2 | Name: Anne
100 Enter customer name: George
101 Enter rental amount: 500
102 src.Vehicle rented to George
103 1: Add src.Vehicle
104 2: Add src.Customer
105 3: Rent src.Vehicle
106 4: Return src.Vehicle
107 5: Display Available Vehicles
108 6: Show Rental History
109 7: Exit
110 3
111 List of Vehicles:
112 |      Type      |      Plate      |      Make      |
   Model |      Year      |
113 -----
114 |      src.Car      |      BBB222      |      Honda      |
   |      Civic      |      2021      |
115 |      src.Car      |      CCC333      |      Ford      |

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115 | Focus | 2024 |
116
117 Enter license plate: CCC333
118 Registered Customers:
119 src.Customer ID: 1 | Name: George
120 src.Customer ID: 2 | Name: Anne
121 Enter customer name: George
122 Enter rental amount: 500
123 src.Vehicle rented to George
124 1: Add src.Vehicle
125 2: Add src.Customer
126 3: Rent src.Vehicle
127 4: Return src.Vehicle
128 5: Display Available Vehicles
129 6: Show Rental History
130 7: Exit
131 3
132 List of Vehicles:
133 | Type | Plate | Make |
   | Model | Year |
134 -----
   -----
135 | src.Car | BBB222 | Honda
   | Civic | 2021 |
136
137 Enter license plate: BBB222
138 Registered Customers:
139 src.Customer ID: 1 | Name: George
140 src.Customer ID: 2 | Name: Anne
141 Enter customer name: Anne
142 Enter rental amount: 500
143 src.Vehicle rented to Anne
144 1: Add src.Vehicle
145 2: Add src.Customer
146 3: Rent src.Vehicle
147 4: Return src.Vehicle
148 5: Display Available Vehicles
149 6: Show Rental History
150 7: Exit
151 3
152 List of Vehicles:

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153 |      Type      |      Plate      |      Make      |
    Model |      Year      |
154 -----
    -----
155
156 Enter license plate: CCC333
157 Registered Customers:
158   src.Customer ID: 1 | Name: George
159   src.Customer ID: 2 | Name: Anne
160 Enter customer name: Anne
161 Enter rental amount: 500
162 src.Vehicle is not available for renting.
163 1: Add src.Vehicle
164 2: Add src.Customer
165 3: Rent src.Vehicle
166 4: Return src.Vehicle
167 5: Display Available Vehicles
168 6: Show Rental History
169 7: Exit
170 4
171 List of Vehicles:
172 |      Type      |      Plate      |      Make      |
    Model |      Year      |
173 -----
    -----
174
175 Enter license plate: CCC333
176 Registered Customers:
177   src.Customer ID: 1 | Name: George
178   src.Customer ID: 2 | Name: Anne
179 Enter customer name: George
180 Enter return fees: 50
181 src.Vehicle returned by George
182 1: Add src.Vehicle
183 2: Add src.Customer
184 3: Rent src.Vehicle
185 4: Return src.Vehicle
186 5: Display Available Vehicles
187 6: Show Rental History
188 7: Exit
189 3

```

```
190 List of Vehicles:
191 |      Type      |      Plate      |      Make      |
    Model |      Year      |
192 -----
    -----
193 |      src.Car      |      CCC333      |      Ford      |
    |      Focus      |      2024      |
194
195 Enter license plate: CCC333
196 Registered Customers:
197   src.Customer ID: 1 | Name: George
198   src.Customer ID: 2 | Name: Anne
199 Enter customer name: Anne
200 Enter rental amount: 500
201 src.Vehicle rented to Anne
202 1: Add src.Vehicle
203 2: Add src.Customer
204 3: Rent src.Vehicle
205 4: Return src.Vehicle
206 5: Display Available Vehicles
207 6: Show Rental History
208 7: Exit
209 5
210 |      Type      |      Plate      |      Make      |
    Model |      Year      |
211 -----
    -----
212
213 1: Add src.Vehicle
214 2: Add src.Customer
215 3: Rent src.Vehicle
216 4: Return src.Vehicle
217 5: Display Available Vehicles
218 6: Show Rental History
219 7: Exit
220 6
221 Rental History:
222 RENT | Plate: AAA111 | src.Customer: George | Date
    : 2025-04-04 | Amount: $500.0
223 RENT | Plate: CCC333 | src.Customer: George | Date
    : 2025-04-04 | Amount: $500.0
```

```
224 RENT | Plate: BBB222 | src.Customer: Anne | Date:
    2025-04-04 | Amount: $500.0
225 RETURN | Plate: CCC333 | src.Customer: George |
    Date: 2025-04-04 | Amount: $50.0
226 RENT | Plate: CCC333 | src.Customer: Anne | Date:
    2025-04-04 | Amount: $500.0
227 1: Add src.Vehicle
228 2: Add src.Customer
229 3: Rent src.Vehicle
230 4: Return src.Vehicle
231 5: Display Available Vehicles
232 6: Show Rental History
233 7: Exit
234 7
235
236 Process finished with exit code 0
237
```