

```
1 "C:\Program Files\Java\jdk1.8.0_112\bin\java.exe" "-
  javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2019.2.4
  \lib\idea_rt.jar=58585:C:\Program Files\JetBrains\IntelliJ
  IDEA 2019.2.4\bin" -Dfile.encoding=UTF-8 -classpath "C:\
  Program Files\Java\jdk1.8.0_112\jre\lib\charsets.jar;C:\
  Program Files\Java\jdk1.8.0_112\jre\lib\deploy.jar;C:\
  Program Files\Java\jdk1.8.0_112\jre\lib\ext\access-bridge-
  64.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\
  cldrdata.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\
  dnsns.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\
  jaccess.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\
  jfxrt.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\
  localedata.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\
  ext\nashorn.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\
  ext\sunec.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\
  ext\sunjce_provider.jar;C:\Program Files\Java\jdk1.8.0_112\
  jre\lib\ext\sunmscapi.jar;C:\Program Files\Java\jdk1.8.
  0_112\jre\lib\ext\sunpkcs11.jar;C:\Program Files\Java\jdk1.
  8.0_112\jre\lib\ext\zipfs.jar;C:\Program Files\Java\jdk1.8.
  0_112\jre\lib\javaws.jar;C:\Program Files\Java\jdk1.8.0_112
  \jre\lib\jce.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib
  \jfr.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\jfxswt.
  jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\jsse.jar;C:\
  Program Files\Java\jdk1.8.0_112\jre\lib\management-agent.
  jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\plugin.jar;C:
  \Program Files\Java\jdk1.8.0_112\jre\lib\resources.jar;C:\
  Program Files\Java\jdk1.8.0_112\jre\lib\rt.jar;C:\Users\
  Akim\IdeaProjects\DataStructuresAndAlgorithmsHW2\out\
  production\DataStructuresAndAlgorithmsHW1Part2" Main
2 1-Login
3 2-Customer shipment check.
4 3-Exit System
5 1
6 Automation System For Cargo Company
7 Username: admin1
8 Password: admin1
9 ADMIN PANEL
10 1-Add Branch
11 2-Remove Branch
12 3-Add Branch Employee
13 4-Remove Branch Employee
14 5-Add Transportation Personnel
15 6-Remove Transportation Personnel
16 7-Return Main Page
17 1
18 New branch name:b1
```

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19 Branch Added
20 ADMIN PANEL
21 1-Add Branch
22 2-Remove Branch
23 3-Add Branch Employee
24 4-Remove Branch Employee
25 5-Add Transportation Personnel
26 6-Remove Transportation Personnel
27 7-Return Main Page
28 3
29 Add employee to branch :
30 1-b1
31 1
32 Username of employee:
33 e1
34 Password of employee:
35 e1
36 Fullname of employee:
37 e 1
38 New Employee added to branch b1 employee e 1
39 ADMIN PANEL
40 1-Add Branch
41 2-Remove Branch
42 3-Add Branch Employee
43 4-Remove Branch Employee
44 5-Add Transportation Personnel
45 6-Remove Transportation Personnel
46 7-Return Main Page
47 5
48 Add transportation personnel to branch :
49 1-b1
50 1
51 Username of transportation personnel:
52 t1
53 Password of trasnportation personnel:
54 t1
55 Fullname of transportation personnel:
56 t 1
57 New Employee added to branch b1 employee t 1
58 ADMIN PANEL
59 1-Add Branch
60 2-Remove Branch
61 3-Add Branch Employee
62 4-Remove Branch Employee
63 5-Add Transportation Personnel
64 6-Remove Transportation Personnel
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65 7-Return Main Page
66 7
67 1-Login
68 2-Customer shipment check.
69 3-Exit System
70 1
71 Automation System For Cargo Company
72 Username: e1
73 Password: e1
74 1-Edit Information
75 2-Add Customer
76 3-Remove Customer
77 4-Return Main Menu
78 2
79 Sender:
80 s1
81 Receiver:
82 r1
83 Adress:
84 a1
85 New customer added, tracking number is:1
86 1-Edit Information
87 2-Add Customer
88 3-Remove Customer
89 4-Return Main Menu
90 2
91 Sender:
92 s2
93 Receiver:
94 r2
95 Adress:
96 a2
97 New customer added, tracking number is:2
98 1-Edit Information
99 2-Add Customer
100 3-Remove Customer
101 4-Return Main Menu
102 1
103 Chose Customer to Edit status:
104 1-s1
105 2-s2
106 2
107 Edit status:
108 on the way
109 1-Edit Information
110 2-Add Customer
```

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111 3-Remove Customer
112 4-Return Main Menu
113 4
114 1-Login
115 2-Customer shipment check.
116 3-Exit System
117 2
118 1-Cargo Tracking
119 2-Return Main Page
120 1
121 Please enter the tracking number:
122 1
123 Sender: s1
124 Receiver: r1
125 Address: a1
126 Status: in branch
127 1-Cargo Tracking
128 2-Return Main Page
129 1
130 Please enter the tracking number:
131 2
132 Sender: s2
133 Receiver: r2
134 Address: a2
135 Status: on the way
136 1-Cargo Tracking
137 2-Return Main Page
138 2
139 1-Login
140 2-Customer shipment check.
141 3-Exit System
142 1
143 Automation System For Cargo Company
144 Username: t1
145 Password: t1
146 1-Enter Delivery
147 2-Return Main Page
148 1
149 Enter the package number:
150 1
151 Package delivered!
152 1-Enter Delivery
153 2-Return Main Page
154 1
155 Enter the package number:
156 2
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157 Package delivered!
158 1-Enter Delivery
159 2-Return Main Page
160 2
161 1-Login
162 2-Customer shipment check.
163 3-Exit System
164 2
165 1-Cargo Tracking
166 2-Return Main Page
167 1
168 Please enter the tracking number:
169 1
170 Sender: s1
171 Receiver: r1
172 Address: a1
173 Status: Delivered
174 1-Cargo Tracking
175 2-Return Main Page
176 1
177 Please enter the tracking number:
178 2
179 Sender: s2
180 Receiver: r2
181 Address: a2
182 Status: Delivered
183 1-Cargo Tracking
184 2-Return Main Page
185 2
186 1-Login
187 2-Customer shipment check.
188 3-Exit System
189 1
190 Automation System For Cargo Company
191 Username: e1
192 Password: e1
193 1-Edit Information
194 2-Add Customer
195 3-Remove Customer
196 4-Return Main Menu
197 3
198 Chose customer to remove:
199 1-s1
200 2-s2
201 1
202 Customer removed!
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```
203 1-Edit Information
204 2-Add Customer
205 3-Remove Customer
206 4-Return Main Menu
207 3
208 Chose customer to remove:
209 1-s2
210 2
211 java.util.InputMismatchException: This customer doesn't
    exist.
212 1-Edit Information
213 2-Add Customer
214 3-Remove Customer
215 4-Return Main Menu
216 3
217 Chose customer to remove:
218 1-s2
219 1
220 Customer removed!
221 1-Edit Information
222 2-Add Customer
223 3-Remove Customer
224 4-Return Main Menu
225 3
226 No customer to remove!
227 1-Edit Information
228 2-Add Customer
229 3-Remove Customer
230 4-Return Main Menu
231 4
232 1-Login
233 2-Customer shipment check.
234 3-Exit System
235 2
236 1-Cargo Tracking
237 2-Return Main Page
238 1
239 Please enter the tracking number:
240 1
241 1-Cargo Tracking
242 2-Return Main Page
243 1
244 Please enter the tracking number:
245 2
246 1-Cargo Tracking
247 2-Return Main Page
```

```
248 2
249 1-Login
250 2-Customer shipment check.
251 3-Exit System
252 1
253 Automation System For Cargo Company
254 Username: admin1
255 Password: admin1
256 ADMIN PANEL
257 1-Add Branch
258 2-Remove Branch
259 3-Add Branch Employee
260 4-Remove Branch Employee
261 5-Add Transportation Personnel
262 6-Remove Transportation Personnel
263 7-Return Main Page
264 2
265 Which branch must be removed?
266 1-b1
267 2
268 java.util.InputMismatchException: Branch doesn't exist.
269 ADMIN PANEL
270 1-Add Branch
271 2-Remove Branch
272 3-Add Branch Employee
273 4-Remove Branch Employee
274 5-Add Transportation Personnel
275 6-Remove Transportation Personnel
276 7-Return Main Page
277 4
278 Remove employee from branch :
279 1-b1
280 1
281 Remove employee:
282 1-e 1
283 1
284 Employee removed
285 ADMIN PANEL
286 1-Add Branch
287 2-Remove Branch
288 3-Add Branch Employee
289 4-Remove Branch Employee
290 5-Add Transportation Personnel
291 6-Remove Transportation Personnel
292 7-Return Main Page
293 6
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294 Remove employee from branch :
295 1-b1
296 1
297 Remove transportationPersonnel:
298 1-t 1
299 1
300 Transportation personnel removed
301 ADMIN PANEL
302 1-Add Branch
303 2-Remove Branch
304 3-Add Branch Employee
305 4-Remove Branch Employee
306 5-Add Transportation Personnel
307 6-Remove Transportation Personnel
308 7-Return Main Page
309 2
310 Which branch must be removed?
311 1-b1
312 1
313 Branch Removed
314 ADMIN PANEL
315 1-Add Branch
316 2-Remove Branch
317 3-Add Branch Employee
318 4-Remove Branch Employee
319 5-Add Transportation Personnel
320 6-Remove Transportation Personnel
321 7-Return Main Page
322 2
323 No branch to remove.
324 ADMIN PANEL
325 1-Add Branch
326 2-Remove Branch
327 3-Add Branch Employee
328 4-Remove Branch Employee
329 5-Add Transportation Personnel
330 6-Remove Transportation Personnel
331 7-Return Main Page
332 4
333 No branches to remove employees.
334 ADMIN PANEL
335 1-Add Branch
336 2-Remove Branch
337 3-Add Branch Employee
338 4-Remove Branch Employee
339 5-Add Transportation Personnel
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340 6-Remove Transportation Personnel
341 7-Return Main Page
342 6
343 No branches.
344 ADMIN PANEL
345 1-Add Branch
346 2-Remove Branch
347 3-Add Branch Employee
348 4-Remove Branch Employee
349 5-Add Transportation Personnel
350 6-Remove Transportation Personnel
351 7-Return Main Page
352 7
353 1-Login
354 2-Customer shipment check.
355 3-Exit System
356 3
357
358 Process finished with exit code 0
359
```