

```
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=55796: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\DSHW6P3\out\production\  
  DSHW6P3" Main  
2 Library Automation System  
3 Chose User Type  
4 1-Administrator to update information  
5 2-General User for Book Search  
6 3-Exit  
7 1  
8 Enter Password:  
9 abc  
10 1-Add Book  
11 2-Delete Book  
12 3-Update Information  
13 4-Exit
```

```
14 1
15 Name of the Author:
16 author1
17 Title of the Book:
18 a1book1
19 Location of the Book:
20 c1l1
21 Book added.
22 1-Add Book
23 2-Delete Book
24 3-Update Information
25 4-Exit
26 1
27 Name of the Author:
28 author1
29 Title of the Book:
30 a1book2
31 Location of the Book:
32 c2l3
33 Book added.
34 1-Add Book
35 2-Delete Book
36 3-Update Information
37 4-Exit
38 1
39 Name of the Author:
40 author2
41 Title of the Book:
42 a2book1
43 Location of the Book:
44 c5l3
45 Book added.
46 1-Add Book
47 2-Delete Book
48 3-Update Information
49 4-Exit
50 4
51 Library Automation System
52 Chose User Type
53 1-Administrator to update information
54 2-General User for Book Search
55 3-Exit
56 2
57 1-Search by Book Title
```

```
58 2-Search by Book Author
59 3-Exit
60 1
61 Which book do you want to find:
62 a1book1
63 Author name:author1, book found in location(s):
64 [c1l1]
65 Book searched by title
66 1-Search by Book Title
67 2-Search by Book Author
68 3-Exit
69 1
70 Which book do you want to find:
71 a1book2
72 Author name:author1, book found in location(s):
73 [c2l3]
74 Book searched by title
75 1-Search by Book Title
76 2-Search by Book Author
77 3-Exit
78 2
79 Name of the Author:
80 author2
81 a2book1
82 Which book do you searching for?
83 a2book1
84 a2book1 location(s) :[c5l3]
85 Book searched by author
86 1-Search by Book Title
87 2-Search by Book Author
88 3-Exit
89 2
90 Name of the Author:
91 author1
92 a1book2
93 a1book1
94 Which book do you searching for?
95 a1book2
96 a1book2 location(s) :[c2l3]
97 Book searched by author
98 1-Search by Book Title
99 2-Search by Book Author
100 3-Exit
101 3
```

```
102 Library Automation System
103 Chose User Type
104 1-Administrator to update information
105 2-General User for Book Search
106 3-Exit
107 1
108 Enter Password:
109 abc
110 1-Add Book
111 2-Delete Book
112 3-Update Information
113 4-Exit
114 1
115 Name of the Author:
116 author1
117 Title of the Book:
118 a1book1
119 Location of the Book:
120 c7l5
121 Book added.
122 1-Add Book
123 2-Delete Book
124 3-Update Information
125 4-Exit
126 3
127 Which book do you want to update:
128 a1book1
129 a1book1 in location(s):
130 [c7l5, c1l1]
131 Old location:
132 c1l1
133 New location:
134 c5l4
135 Book updated.
136 1-Add Book
137 2-Delete Book
138 3-Update Information
139 4-Exit
140 4
141 Library Automation System
142 Chose User Type
143 1-Administrator to update information
144 2-General User for Book Search
145 3-Exit
```

```
146 2
147 1-Search by Book Title
148 2-Search by Book Author
149 3-Exit
150 2
151 Name of the Author:
152 author1
153 a1book2
154 a1book1
155 Which book do you searching for?
156 a1book1
157 a1book1 location(s) :[c7l5, c5l4]
158 Book searched by author
159 1-Search by Book Title
160 2-Search by Book Author
161 3-Exit
162 3
163 Library Automation System
164 Chose User Type
165 1-Administrator to update information
166 2-General User for Book Search
167 3-Exit
168 1
169 Enter Password:
170 abc
171 1-Add Book
172 2-Delete Book
173 3-Update Information
174 4-Exit
175 2
176 Which book do you want to remove:
177 a2book1
178 Book removed.
179 1-Add Book
180 2-Delete Book
181 3-Update Information
182 4-Exit
183 4
184 Library Automation System
185 Chose User Type
186 1-Administrator to update information
187 2-General User for Book Search
188 3-Exit
189 1
```

```
190 Enter Password:
191 abc
192 1-Add Book
193 2-Delete Book
194 3-Update Information
195 4-Exit
196 4
197 Library Automation System
198 Chose User Type
199 1-Administrator to update information
200 2-General User for Book Search
201 3-Exit
202 2
203 1-Search by Book Title
204 2-Search by Book Author
205 3-Exit
206 2
207 Name of the Author:
208 author2
209 Which book do you searching for?
210
211 none
212 Boook not exist.
213 Book searched by author
214 1-Search by Book Title
215 2-Search by Book Author
216 3-Exit
217 3
218 Library Automation System
219 Chose User Type
220 1-Administrator to update information
221 2-General User for Book Search
222 3-Exit
223 3
224
225 Process finished with exit code 0
226
```