

```
1 "C:\Program Files\Amazon Corretto\jdk17.0.10_7\bin\
  java.exe" "-javaagent:C:\Program Files\JetBrains\
  IntelliJ IDEA Community Edition 2023.3.2\lib\idea_rt.
  jar=62247:C:\Program Files\JetBrains\IntelliJ IDEA
  Community Edition 2023.3.2\bin" -Dfile.encoding=UTF-8
  -classpath "C:\Users\arunk\OneDrive\Desktop\Java FSD
  Learnings\Task3\out\production\Task3" Problem1.
  BookManagementSystem
2
3 ***** Welcome to Library
  !! *****
4
5 Choose an option (Between 0-3) from below menu
6 1.Add a book
7 2.Replace a book
8 3.Display all books
9 0.Exit
10
11 3
12 empty
13 empty
14 empty
15 empty
16 empty
17
18 *****Displayed successfully
  *****
19
20 Choose an option (Between 0-3) from below menu
21 1.Add a book
22 2.Replace a book
23 3.Display all books
24 0.Exit
25
26 1
27 Enter book details - Book ID,Tittle and Author name
28 Enter ID
29 1
30 Enter Book title
31 java
32 Enter author-name
```

```
33 arun
34
35 *****Added successfully
   !!*****
36
37 Choose an option (Between 0-3) from below menu
38 1.Add a book
39 2.Replace a book
40 3.Display all books
41 0.Exit
42
43 1
44 Enter book details - Book ID,Tittle and Author name
45 Enter ID
46 4
47 Enter Book title
48 APj kalam
49 Enter author-name
50 Arun
51
52 *****Added successfully
   !!*****
53
54 Choose an option (Between 0-3) from below menu
55 1.Add a book
56 2.Replace a book
57 3.Display all books
58 0.Exit
59
60 3
61 Book ID : 1      Title : java      Author : arun
      Availability(Y/N) :yes
62 empty
63 empty
64 Book ID : 4      Title : APj kalam      Author :
      Arun      Availability(Y/N) :yes
65 empty
66
67 *****Displayed successfully
   *****
68
```

```
69 Choose an option (Between 0-3) from below menu
70 1.Add a book
71 2.Replace a book
72 3.Display all books
73 0.Exit
74
75 2
76 Enter the book details which needs to replaced in
  Library
77 Enter book ID
78 1
79 Enter book title
80 wings of fire
81 Enter book author
82 Tui T
83 Book was available
84 ,So the previous book was mentioned as null
85 *****Replaced successfully
  !!*****
86
87 Choose an option (Between 0-3) from below menu
88 1.Add a book
89 2.Replace a book
90 3.Display all books
91 0.Exit
92
93 3
94 Book ID : 1      Title : wings of fire
  Author : Tui T      Availability(Y/N) :yes
95 empty
96 empty
97 Book ID : 4      Title : APj kalam      Author
  : Arun      Availability(Y/N) :yes
98 empty
99
100 *****Displayed successfully
  *****
101
102 Choose an option (Between 0-3) from below menu
103 1.Add a book
104 2.Replace a book
```

```
105 3.Display all books
106 0.Exit
107
108 0
109
110 ***** Thank you for visiting the Library
    !! *****
111
112
113 Process finished with exit code 0
114
```