

```
1 /Users/gr/Library/Java/JavaVirtualMachines/openjdk-
20.0.2/Contents/Home/bin/java -javaagent:/Users/gr/
Applications/IntelliJ IDEA Ultimate.app/Contents/
lib/idea_rt.jar=52210:/Users/gr/Applications/
IntelliJ IDEA Ultimate.app/Contents/bin -Dfile.
encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.
stderr.encoding=UTF-8 -classpath /Users/gr/Desktop/
Java/Library/out/production/Library Main
2
3 MENU:
4
5 0. Add a new Student
6 1. Set Details
7 2. Get Details
8 3. Get CGPA
9 4. Find Students by Age
10 5. Calculate Average CGPA
11 6. Exit
12
13 Enter choice:
14 0
15 Enter the studentID: 1
16 Enter the First Name: ddddd
17 Enter the Last Name: gggg
18 Enter the age: 22
19 Enter the Department: ece
20 Enter the Semester: 2
21 Enter the CGPA: 10
22
23 MENU:
24
25 0. Add a new Student
26 1. Set Details
27 2. Get Details
28 3. Get CGPA
29 4. Find Students by Age
30 5. Calculate Average CGPA
31 6. Exit
32
33 Enter choice:
34 0
```

```
35 Enter the studentID: 21
36 Enter the First Name: eeee
37 Enter the Last Name: ffff
38 Enter the age:
39 77
40 Enter the Department: ece
41 Enter the Semester: 2
42 Enter the CGPA: 11
43
44 MENU:
45
46 0. Add a new Student
47 1. Set Details
48 2. Get Details
49 3. Get CGPA
50 4. Find Students by Age
51 5. Calculate Average CGPA
52 6. Exit
53
54 Enter choice:
55 4
56 Enter the age:
57 22
58 Student ID: 1
59
60 Name: ddddd gggg
61 Age: 22
62 Department: ece
63 Semester: 2
64 CGPA: 10
65
66 MENU:
67
68 0. Add a new Student
69 1. Set Details
70 2. Get Details
71 3. Get CGPA
72 4. Find Students by Age
73 5. Calculate Average CGPA
74 6. Exit
75
```

```
76 Enter choice:
77 5
78 The average CGPA is 10.5
79
80 MENU:
81
82 0. Add a new Student
83 1. Set Details
84 2. Get Details
85 3. Get CGPA
86 4. Find Students by Age
87 5. Calculate Average CGPA
88 6. Exit
89
90 Enter choice:
91 2
92 Enter the studentID to get the details:
93 1
94 Student ID: 1
95
96 Name: ddddd gggg
97 Age: 22
98 Department: ece
99 Semester: 2
100 CGPA: 10
101
102 MENU:
103
104 0. Add a new Student
105 1. Set Details
106 2. Get Details
107 3. Get CGPA
108 4. Find Students by Age
109 5. Calculate Average CGPA
110 6. Exit
111
112 Enter choice:
113 1
114 Enter the studentID to set details:
115 1
116 Enter the studentID: 12
```

```
117 Enter the First Name: wsss
118 Enter the Last Name: wwwwww
119 Enter the age: 22
120 Enter the Department: ece
121 Enter the Semester: 3
122 Enter the CGPA: 2
123
124 MENU:
125
126 0. Add a new Student
127 1. Set Details
128 2. Get Details
129 3. Get CGPA
130 4. Find Students by Age
131 5. Calculate Average CGPA
132 6. Exit
133
134 Enter choice:
135 4
136 Enter the age:
137 22
138 Student ID: 12
139
140 Name: wsss wwwwww
141 Age: 22
142 Department: ece
143 Semester: 3
144 CGPA: 2
145
146 MENU:
147
148 0. Add a new Student
149 1. Set Details
150 2. Get Details
151 3. Get CGPA
152 4. Find Students by Age
153 5. Calculate Average CGPA
154 6. Exit
155
156 Enter choice:
157 6
```

158

159 Process finished with exit code 0

160