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1 E:\JDKs\jdk-11.0.2\bin\java.exe "-javaagent:C:\
  Program Files\JetBrains\IntelliJ IDEA Community
  Edition 2023.1.2\lib\idea_rt.jar=19864:C:\Program
  Files\JetBrains\IntelliJ IDEA Community Edition 2023.
  1.2\bin" -Dfile.encoding=UTF-8 -classpath "E:\crack\
  out\production\Console Projects" Main
2 ----- Welcome -----
3 Enter the input
4  book,<source>,<destination>,<passenger_count>
5  cancel,<pnr_no>,<passenger_count>
6  chart
7  exit
8 -----
9 book,A,E,8
10 DEBUG LOG : Already booked passenger count for source
   A to destination E is 0
11 DEBUG LOG : Going to Book seats :: [1, 2, 3, 4, 5, 6
   , 7, 8]
12 ***** Tickets booked *****
13 PNR 1, A to E , Seat Nos : 1,2,3,4,5,6,7,8
14 *****
15 Enter the input
16  book,<source>,<destination>,<passenger_count>
17  cancel,<pnr_no>,<passenger_count>
18  chart
19  exit
20 -----
21 book,A,E,2
22 DEBUG LOG : Already booked passenger count for source
   A to destination E is 8
23 DEBUG LOG : Going to Book seats :: [-1, -2]
24 ***** Tickets booked *****
25 PNR 2, A to E , Seat Nos : WL1,WL2
26 *****
27 Enter the input
28  book,<source>,<destination>,<passenger_count>
29  cancel,<pnr_no>,<passenger_count>
30  chart
31  exit
32 -----
33 cancel,1,5
```

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34 DEBUG : removed seat : 1 , now booking list : [2, 3,
    4, 5, 6, 7, 8]
35 DEBUG : removed seat : 2 , now booking list : [3, 4,
    5, 6, 7, 8]
36 DEBUG : removed seat : 3 , now booking list : [4, 5,
    6, 7, 8]
37 DEBUG : removed seat : 4 , now booking list : [5, 6,
    7, 8]
38 DEBUG : removed seat : 5 , now booking list : [6, 7,
    8]
39 ***** Tickets cancelled *****
40 PNR 1, A to E , Seat Nos : 6,7,8 Cancelled Seats : 1,
    2,3,4,5
41 *****
42 DEBUG LOG : Going to Book seats :: [1]
43 Removed waiting list seat : -1 to give seat1 for pnr
    : 2
44 Now for PNR 2 updated booking list will be [1, -2]
45 DEBUG LOG : Going to Book seats :: [2]
46 Removed waiting list seat : -2 to give seat2 for pnr
    : 2
47 Now for PNR 2 updated booking list will be [1, 2]
48 ***** Tickets from Waiting list has been
    confirmed *****
49 PNR 2, A to E , Seat Nos : 1,2
50 *****
51 Enter the input
52  book,<source>,<destination>,<passenger_count>
53  cancel,<pnr_no>,<passenger_count>
54  chart
55  exit
56 -----
57 chart
58 ***** Summary *****
59 PNR 1, A to E , Seat Nos : 1,2,3,4,5,6,7,8
60 PNR 2, A to E , Seat Nos : WL1,WL2
61 PNR 1, A to E , Seat Nos : 6,7,8 Cancelled Seats : 1,
    2,3,4,5
62 PNR 2, A to E , Seat Nos : 1,2
63 ***** Chart *****
64  A B C D E

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```
65 1 * * * *
66 2 * * * *
67 3
68 4
69 5
70 6 * * * *
71 7 * * * *
72 8 * * * *
73 Enter the input
74 book,<source>,<destination>,<passenger_count>
75 cancel,<pnr_no>,<passenger_count>
76 chart
77 exit
78 -----
79 cancel,1,3
80 DEBUG : removed seat : 6 , now booking list : [7, 8]
81 DEBUG : removed seat : 7 , now booking list : [8]
82 DEBUG : removed seat : 8 , now booking list : []
83 ***** Tickets cancelled *****
84 PNR 1, A to E , Seat Nos : Cancelled Seats : 1,2,3,
    4,5,6,7,8
85 *****
86 Enter the input
87 book,<source>,<destination>,<passenger_count>
88 cancel,<pnr_no>,<passenger_count>
89 chart
90 exit
91 -----
92 cancel,2,2
93 DEBUG : removed seat : 1 , now booking list : [2]
94 DEBUG : removed seat : 2 , now booking list : []
95 ***** Tickets cancelled *****
96 PNR 2, A to E , Seat Nos : Cancelled Seats : 1,2
97 *****
98 Enter the input
99 book,<source>,<destination>,<passenger_count>
100 cancel,<pnr_no>,<passenger_count>
101 chart
102 exit
103 -----
104 book,A,C,8
```

```
105 DEBUG LOG : Already booked passenger count for
    source A to destination C is 0
106 DEBUG LOG : Going to Book seats :: [1, 2, 3, 4, 5, 6
    , 7, 8]
107 ***** Tickets booked *****
108 PNR 3, A to C , Seat Nos : 1,2,3,4,5,6,7,8
109 *****
110 Enter the input
111 book,<source>,<destination>,<passenger_count>
112 cancel,<pnr_no>,<passenger_count>
113 chart
114 exit
115 -----
116 book,C,E,8
117 DEBUG LOG : Already booked passenger count for
    source C to destination E is 0
118 DEBUG LOG : Going to Book seats :: [1, 2, 3, 4, 5, 6
    , 7, 8]
119 ***** Tickets booked *****
120 PNR 4, C to E , Seat Nos : 1,2,3,4,5,6,7,8
121 *****
122 Enter the input
123 book,<source>,<destination>,<passenger_count>
124 cancel,<pnr_no>,<passenger_count>
125 chart
126 exit
127 -----
128 book,A,E,2
129 DEBUG LOG : Already booked passenger count for
    source A to destination E is 8
130 DEBUG LOG : Going to Book seats :: [-1, -2]
131 ***** Tickets booked *****
132 PNR 5, A to E , Seat Nos : WL1,WL2
133 *****
134 Enter the input
135 book,<source>,<destination>,<passenger_count>
136 cancel,<pnr_no>,<passenger_count>
137 chart
138 exit
139 -----
140 chart
```

```

141 ***** Summary *****
142 PNR 1, A to E , Seat Nos : 1,2,3,4,5,6,7,8
143 PNR 2, A to E , Seat Nos : WL1,WL2
144 PNR 1, A to E , Seat Nos : 6,7,8 Cancelled Seats : 1
    ,2,3,4,5
145 PNR 2, A to E , Seat Nos : 1,2
146 PNR 1, A to E , Seat Nos : Cancelled Seats : 1,2,3,
    4,5,6,7,8
147 PNR 2, A to E , Seat Nos : Cancelled Seats : 1,2
148 PNR 3, A to C , Seat Nos : 1,2,3,4,5,6,7,8
149 PNR 4, C to E , Seat Nos : 1,2,3,4,5,6,7,8
150 PNR 5, A to E , Seat Nos : WL1,WL2
151 ***** Chart *****
152   A B C D E
153 1 * * * *
154 2 * * * *
155 3 * * * *
156 4 * * * *
157 5 * * * *
158 6 * * * *
159 7 * * * *
160 8 * * * *
161 Enter the input
162  book,<source>,<destination>,<passenger_count>
163  cancel,<pnr_no>,<passenger_count>
164  chart
165  exit
166  -----
167  book,C,D,2
168  DEBUG LOG : Already booked passenger count for
    source C to destination D is 10
169  Enter the input
170  book,<source>,<destination>,<passenger_count>
171  cancel,<pnr_no>,<passenger_count>
172  chart
173  exit
174  -----
175  cancel,3,8
176  DEBUG : removed seat : 1 , now booking list : [2, 3
    , 4, 5, 6, 7, 8]
177  DEBUG : removed seat : 2 , now booking list : [3, 4

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177 , 5, 6, 7, 8]
178 DEBUG : removed seat : 3 , now booking list : [4, 5
      , 6, 7, 8]
179 DEBUG : removed seat : 4 , now booking list : [5, 6
      , 7, 8]
180 DEBUG : removed seat : 5 , now booking list : [6, 7
      , 8]
181 DEBUG : removed seat : 6 , now booking list : [7, 8]
182 DEBUG : removed seat : 7 , now booking list : [8]
183 DEBUG : removed seat : 8 , now booking list : []
184 ***** Tickets cancelled *****
185 PNR 3, A to C , Seat Nos : Cancelled Seats : 1,2,3,
      4,5,6,7,8
186 *****
187 DEBUG LOG : Going to Book seats :: [-3]
188 Enter the input
189 book,<source>,<destination>,<passenger_count>
190 cancel,<pnr_no>,<passenger_count>
191 chart
192 exit
193 -----
194 chart
195 ***** Summary *****
196 PNR 1, A to E , Seat Nos : 1,2,3,4,5,6,7,8
197 PNR 2, A to E , Seat Nos : WL1,WL2
198 PNR 1, A to E , Seat Nos : 6,7,8 Cancelled Seats : 1
      ,2,3,4,5
199 PNR 2, A to E , Seat Nos : 1,2
200 PNR 1, A to E , Seat Nos : Cancelled Seats : 1,2,3,
      4,5,6,7,8
201 PNR 2, A to E , Seat Nos : Cancelled Seats : 1,2
202 PNR 3, A to C , Seat Nos : 1,2,3,4,5,6,7,8
203 PNR 4, C to E , Seat Nos : 1,2,3,4,5,6,7,8
204 PNR 5, A to E , Seat Nos : WL1,WL2
205 No seats available
206 PNR 3, A to C , Seat Nos : Cancelled Seats : 1,2,3,
      4,5,6,7,8
207 ***** Chart *****
208   A B C D E
209 1      * *
210 2      * *

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```
211 3      * *
212 4      * *
213 5      * *
214 6      * *
215 7      * *
216 8      * *
217 Enter the input
218 book,<source>,<destination>,<passenger_count>
219 cancel,<pnr_no>,<passenger_count>
220 chart
221 exit
222 -----
223 cancel,4,8
224 DEBUG : removed seat : 1 , now booking list : [2, 3
      , 4, 5, 6, 7, 8]
225 DEBUG : removed seat : 2 , now booking list : [3, 4
      , 5, 6, 7, 8]
226 DEBUG : removed seat : 3 , now booking list : [4, 5
      , 6, 7, 8]
227 DEBUG : removed seat : 4 , now booking list : [5, 6
      , 7, 8]
228 DEBUG : removed seat : 5 , now booking list : [6, 7
      , 8]
229 DEBUG : removed seat : 6 , now booking list : [7, 8]
230 DEBUG : removed seat : 7 , now booking list : [8]
231 DEBUG : removed seat : 8 , now booking list : []
232 ***** Tickets cancelled *****
233 PNR 4, C to E , Seat Nos : Cancelled Seats : 1,2,3,
      4,5,6,7,8
234 *****
235 DEBUG LOG : Going to Book seats :: [1]
236 Removed waiting list seat : -1 to give seat1 for pnr
      : 5
237 Now for PNR 5 updated booking list will be [1, -2]
238 DEBUG LOG : Going to Book seats :: [2]
239 Removed waiting list seat : -2 to give seat2 for pnr
      : 5
240 Now for PNR 5 updated booking list will be [1, 2]
241 ***** Tickets from Waiting list has been
      confirmed *****
242 PNR 5, A to E , Seat Nos : 1,2
```

```

243 *****
244 Enter the input
245  book,<source>,<destination>,<passenger_count>
246  cancel,<pnr_no>,<passenger_count>
247  chart
248  exit
249 -----
250 chart
251 ***** Summary *****
252 PNR 1, A to E , Seat Nos : 1,2,3,4,5,6,7,8
253 PNR 2, A to E , Seat Nos : WL1,WL2
254 PNR 1, A to E , Seat Nos : 6,7,8 Cancelled Seats : 1
    ,2,3,4,5
255 PNR 2, A to E , Seat Nos : 1,2
256 PNR 1, A to E , Seat Nos :  Cancelled Seats : 1,2,3,
    4,5,6,7,8
257 PNR 2, A to E , Seat Nos :  Cancelled Seats : 1,2
258 PNR 3, A to C , Seat Nos : 1,2,3,4,5,6,7,8
259 PNR 4, C to E , Seat Nos : 1,2,3,4,5,6,7,8
260 PNR 5, A to E , Seat Nos : WL1,WL2
261 No seats available
262 PNR 3, A to C , Seat Nos :  Cancelled Seats : 1,2,3,
    4,5,6,7,8
263 PNR 4, C to E , Seat Nos :  Cancelled Seats : 1,2,3,
    4,5,6,7,8
264 PNR 5, A to E , Seat Nos : 1,2
265 ***** Chart *****
266  A B C D E
267 1 * * * *
268 2 * * * *
269 3
270 4
271 5
272 6
273 7
274 8
275 Enter the input
276  book,<source>,<destination>,<passenger_count>
277  cancel,<pnr_no>,<passenger_count>
278  chart
279  exit

```



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280 -----
281 book,C,E,3
282 DEBUG LOG : Already booked passenger count for
      source C to destination E is 2
283 DEBUG LOG : Going to Book seats :: [3, 4, 5]
284 ***** Tickets booked *****
285 PNR 6, C to E , Seat Nos : 3,4,5
286 *****
287 Enter the input
288  book,<source>,<destination>,<passenger_count>
289  cancel,<pnr_no>,<passenger_count>
290  chart
291  exit
292 -----
293 chart
294 ***** Summary *****
295 PNR 1, A to E , Seat Nos : 1,2,3,4,5,6,7,8
296 PNR 2, A to E , Seat Nos : WL1,WL2
297 PNR 1, A to E , Seat Nos : 6,7,8 Cancelled Seats : 1
      ,2,3,4,5
298 PNR 2, A to E , Seat Nos : 1,2
299 PNR 1, A to E , Seat Nos :  Cancelled Seats : 1,2,3,
      4,5,6,7,8
300 PNR 2, A to E , Seat Nos :  Cancelled Seats : 1,2
301 PNR 3, A to C , Seat Nos : 1,2,3,4,5,6,7,8
302 PNR 4, C to E , Seat Nos : 1,2,3,4,5,6,7,8
303 PNR 5, A to E , Seat Nos : WL1,WL2
304 No seats available
305 PNR 3, A to C , Seat Nos :  Cancelled Seats : 1,2,3,
      4,5,6,7,8
306 PNR 4, C to E , Seat Nos :  Cancelled Seats : 1,2,3,
      4,5,6,7,8
307 PNR 5, A to E , Seat Nos : 1,2
308 PNR 6, C to E , Seat Nos : 3,4,5
309 ***** Chart *****
310  A B C D E
311 1 * * * *
312 2 * * * *
313 3      * *
314 4      * *
315 5      * *

```

```
316 6
317 7
318 8
319 Enter the input
320  book,<source>,<destination>,<passenger_count>
321  cancel,<pnr_no>,<passenger_count>
322  chart
323  exit
324 -----
325 exit
326 Exiting !
327
328 Process finished with exit code 0
329
```