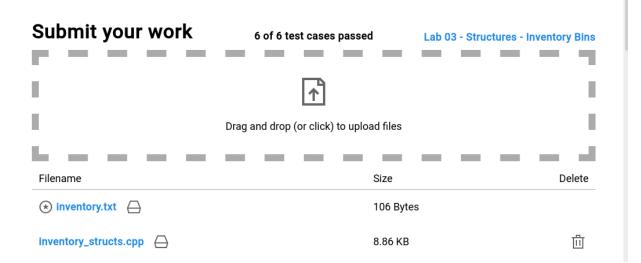
## **Question Complete**



```
Test Case 1 Passed!
Enter name of inventory file: inventory.txt ENTER
Valve
                      10 \n
                      5 \n
Bearing
                      15 \n
Bushing
Coupling
                      21 \n
Flange
                      7 \n
Gear
                      5 \n
                      5 \n
Gear Housing
                      25 \n
Vacuum Gripper
Cable
                      18\n
Rod
                      12 \n
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)∖n
Quit (q)∖n
Ìη
Selection: qENTER
Good Bye!!! \n
Test Case 2 Passed!
Enter name of inventory file: inventory.txt ENTER
Valve
                     10 \n
Bearing
                      5 \n
Bushing
                     15 \n
                     21\n
Coupling
Flange
                      7 \n
Gear
                      5 \n
                      5 \n
Gear Housing
                      25 \n
Vacuum Gripper
                      18\n
Cable
Rod
                      12 \n
\n
Menu: \n
Add a new item (a)∖n
Select a bin (s)√n
Quit (q)∖n
\n
Selection: a ENTER
Enter Part Description: Belts ENTER
Number of Parts in the Bin: 7 ENTER
\n
Valve
                      10 \n
                      5 \n
Bearing
Bushing
                     15 \n
Coupling
                      21\n
Flange
                      7 \n
                      5 \n
Gear
Gear Housing
                      5 \n
                     25 \n
Vacuum Gripper
Cable
                      18\n
                      12\n
Rod
                      7 \n
Belts
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)∖n
Quit (q)√n
\n
Selection: qENTER
Good Bye!!! \n
```

```
Test Case 3 Passed!
Enter name of inventory file: inventory.txt ENTER
                     10\n
Valve
                      5 \n
Bearing
Bushing
                     15\n
Coupling
                     21\n
                      7 \n
Flange
                      5 \n
Gear
                      5 \n
Gear Housing
                     25 \n
Vacuum Gripper
Cable
                     18 \n
Rod
                     12\n
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)√n
Quit (q)∖n
\n
Selection: sENTER
Bin Selection: Gear ENTER
\n
Menu: \n
Add parts (a)∖n
Remove parts (r)\n
Selection: a ENTER
Number of parts to add: 6 ENTER
Valve
                     10 \n
                      5 \n
Bearing
Bushing
                     15 \n
                     21\n
Coupling
Flange
                      7 \n
                     11\n
Gear
Gear Housing
                      5 \n
Vacuum Gripper
                     25 \n
Cable
                     18\n
Rod
                     12\n
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)√n
Quit (q)√n
```

Selection: qENTER Good Bye!!!\n

```
Enter name of inventory file: inventory.txt ENTER
                     10\n
Valve
                      5 \n
Bearing
Bushing
                     15 \n
                     21\n
Coupling
Flange
                      7 \n
                      5 \n
Gear
                      5
                        \n
Gear Housing
Vacuum Gripper
                     25 \n
Cable
                     18\n
Rod
                     12\n
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)√n
Quit (q)∖n
Selection: sENTER
Bin Selection: Gear ENTER
\n
Menu: \n
Add parts (a)\n
Remove parts (r) \n
Selection: rENTER
Number of parts to remove: 5 ENTER
Valve
                     10 \n
                      5 \n
Bearing
                     15 \n
Bushing
Coupling
                     21\n
                      7 \n
Flange
                      0 \n
Gear
                      5 \n
Gear Housing
Vacuum Gripper
                     25 \n
Cable
                     18 \n
Rod
                      12\n
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)√n
Quit (q)√n
\n
Selection: qENTER
```

Test Case 4 Passed!

Good Bye!!!\n

```
Test Case 5 Passed!
Enter name of inventory file: inventory.txtENTER
                     10\n
5\n
Valve
Bearing
Bushing
                     15\n
                     21\n
7\n
Coupling
Flange
                      5 \n
Gear
                      5 \n
Gear Housing
                     25 \n
Vacuum Gripper
Cable
                     18 \n
                     12\n
Rod
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)\n
Quit (q)∖n
\n
Selection: f ENTER
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)√n
Quit (q)∖n
\n
Selection: s ENTER
Bin Selection: Gear ENTER
\n
Menu: \n
Add parts (a) \n
Remove parts (r)\n
Selection: a ENTER
Number of parts to add: 6 ENTER
                     10 \n
                      5 \n
Bearing
Bushing
                     15\n
                     21\n
Coupling
                      7 \n
Flange
                     11 \n
Gear
                      5 \n
Gear Housing
Vacuum Gripper
                     25 \n
Cable
                     18\n
                     12\n
Rod
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)√n
Quit (q)∖n
\n
Selection: rENTER
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)\n
Quit (q)∖n
\n
Selection: qENTER
```

Good Bye!!! \n

```
Test Case 6 Passed!
Enter name of inventory file: inventory.txt ENTER
                     10\n
Valve
Bearing
                      5 \n
Bushing
                     15\n
Coupling
                     21\n
                      7 \n
Flange
Gear
                      5
                        \n
                      5 \n
Gear Housing
Vacuum Gripper
                     25 \n
Cable
                     18\n
                     12\n
Rod
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)∖n
Quit (q)\n
\n
Selection: sENTER
Bin Selection: Gear ENTER
Menu: \n
Add parts (a)\n
Remove parts (r) \n
Selection: f ENTER
\n
Menu: \n
Add parts (a)\n
Remove parts (r)\n
\n
Selection: a ENTER
Number of parts to add: 6 ENTER
Valve
                     10 \n
Bearing
                      5 \n
                     15\n
Bushing
                     21\n
Coupling
Flange
                      7 \n
Gear
                     11\n
Gear Housing
                      5 \n
                     25 \n
Vacuum Gripper
Cable
                     18\n
Rod
                     12\n
\n
Menu: \n
Add a new item (a) \n
Select a bin (s)√n
Quit (q)∖n
\n
```

Selection: qENTER Good Bye!!!\n