| | | |
|---|---|---|
| **IPO CHART** | | |

| I | P | O |
|---|---|---|
| • net_worth | • net_worth[index] += 1<br>• average = sum(net_worth) / len(net_worth)<br>• billions_needed.append(net_worth[index]) | • billions_needed |

**Test Cases**

- ○ **Case 0 -**
  - ▪ **[Input]**
    - • **Enter net worth for Alice, Bob, and Charlie: no**
  - ▪ **[Output]**
    - • **Value error**
  - ▪ **[Input]**
    - • **Enter net worth for Alice, Bob, and Charlie: 1 3 6**
  - ▪ **[Output]**
    - • **Billions more needed for happiness: 4 1 0**
- ○ **Case 1 -**
  - ▪ **[Input]**
    - • **Enter net worth for Alice, Bob, and Charlie: 3 2 5**
  - ▪ **[Output]**
    - • **Billions more needed for happiness: 1 3 0**
- ○ **Case 2 -**
  - ▪ **[Input]**
    - • **Enter net worth for Alice, Bob, and Charlie: 8 6 8**
  - ▪ **[Output]**
    - • **Billions more needed for happiness: 0 3 0**
- ○ **Case 3 -**
  - ▪ **[Input]**
    - • **Enter net worth for Alice, Bob, and Charlie: 6 3 3**
  - ▪ **[Output]**
    - • **Billions more needed for happiness: 0 2 2**