2. Find the number of workers with wages less than or equal to
(a) $\$ 105$,
(b) $\$ 110$,
(c) $\$ 115$.
3. Can you find the exact number of workers with wages $\leqslant \$ 118$ ?

In Class Activity 1, the answers in questions 2(b) and 2(c) are obtained by finding the sum of two or more frequencies. This gives rise to the idea of cumulative frequency. The cumulative frequency of a value is the number of observations that is less than or equal to that value. We can set up a cumulative frequency table for the upper endpoint of each class interval from a frequency table as shown below.

The frequency table in Class Activity 1 is as follows:

| Daily wages $(\$ x)$ | Frequency |
| :---: | :---: |
| $100<x \leqslant 105$ | 4 |
| $105<x \leqslant 110$ | 10 |
| $110<x \leqslant 115$ | 22 |
| $115<x \leqslant 120$ | 9 |
| $120<x \leqslant 125$ | 5 |

Its corresponding cumulative frequency table is as follows:

| Daily wages $(\$ \boldsymbol{x})$ | Cumulative <br> Frequency |
| :---: | :---: |
|  | $\leqslant 100$ |



