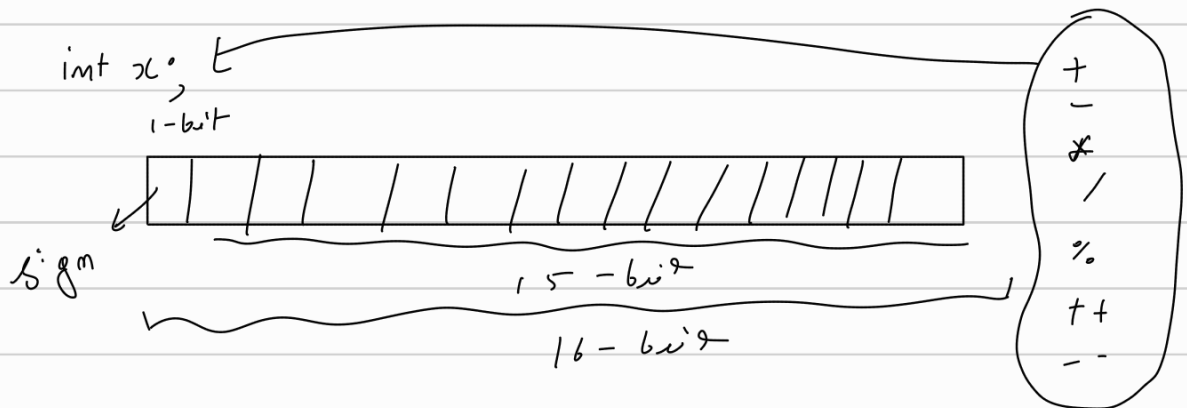


Abstract Data Type (ADT)

☆ What is ADT?

Data Type \rightarrow ☆ representation of data.

☆ operation on data.



☆ As we do not care about the internal details of operations on this data type, hence it is called Abstract Data Type.

☆ List \rightarrow 8, 3, 9, 4, 6, 16, 12
0 1 2 3 4 5 6

Data :
① space for storing elements
② capacity
③ size

Operations:

add (x)
remove (x)
search (key)
.
.
.

Data + operations

\Downarrow

Data Type