Vector < EMPLOYEE >
Vector < PARTY >

"has - a"

ABSTRACT

int wage
virtual orders ()

RESTAURANT ——▷ **EMPLOYEE**

"has - a"

▽

ABSTRACT

PARTY / CUSTOMER

int size, virtual tip ()

public ▷   public ▽   public ▷

WALK IN   **RESERVED**   **CELEBRITY**

public ▷
public
public

CHEF   **WAITER**   **HOST**

int skill
queue < order >

int tips
queue < customer >

- restaurant will hold a list/vector
- to compute gross profit, iterate through list and get tips and wage from each employee
- calculate the size of a waiter's queue of customers to see how many each is serving