Employee

name
id
age

EF#4
- Select mode of pay.
1) Mail checks
   to Postal address
2) Pickup by paymaster
3) Directly deposited
   to bank of choice

EF#1
- Hour - Paid every
- Date   Friday
- Rate)
     Time card

EF#2
- Flat salary
- At last day
- 0) month

EF#3
- Commission based
  on sales
- sale receipt to record
  date & amt.
- Paid every Fri.

EF#5
- Employee union
- weekly dues rate
- Dues deducted from pay
- mem.fee, (extra) for
        service chgs
- Submitted by union
  on weekly basis

EF#6
- Pay roll application
- once each working day
- Pay appropriate empl. on
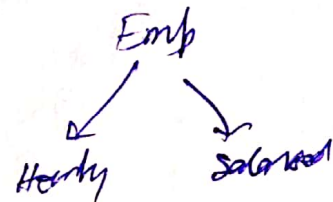 that day
- Date on which to pay
- generate payment record.

Operations:-
1) Add employee
2) Delete "
3) Post a time card
4) Post a sales receipt.
5) Post a union membership.
6) Change emp. details.
7) Run the payroll. (daily basis)

Emp

Hourly   Salaried

1) Add Employee :-

class {Name → Id, Age
1   (Payment-mode, credit amount)

if (employee work by hour) → | How trade
class 2 | Daily time enter card (date, no. of hours worked)
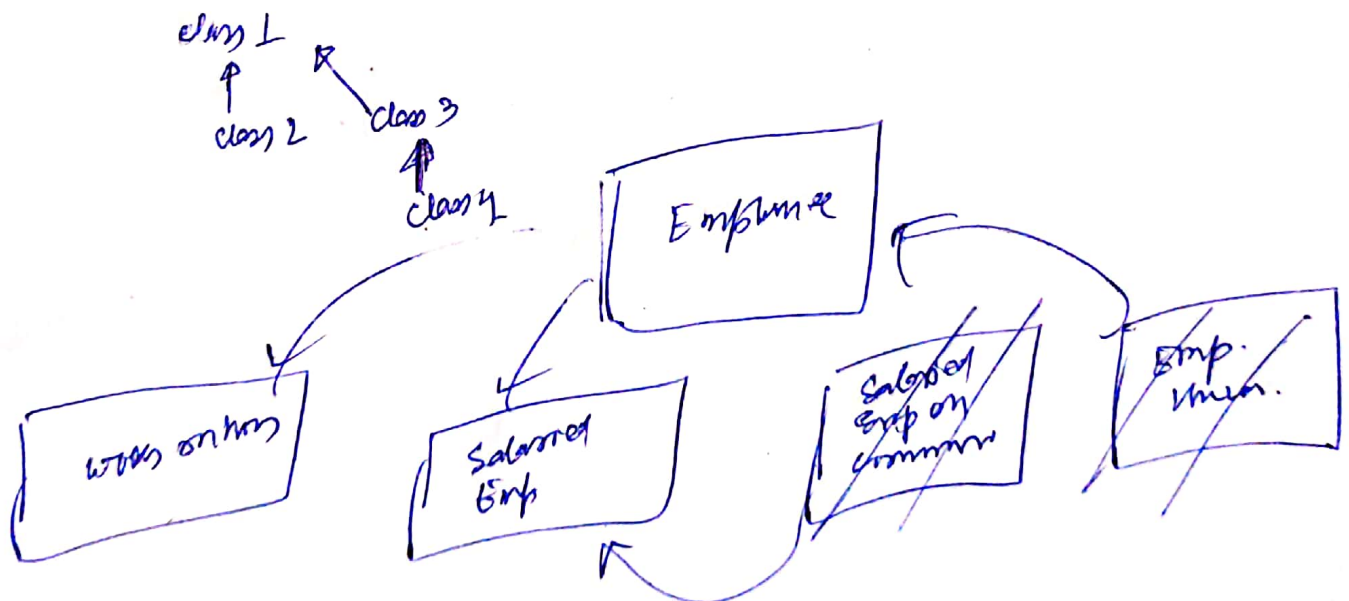
                              class 3
if (employee takes salary) → | Monthly salary
                             | Commission
                             Sales receipt (date, amt -of sale)
                             commission

                             class 4
if (employee ∈ union) ⇒ | Weekly due rate
                        | Service charges

class 1
  ↑   ↖
class 2   Class 3
             ↑
           class 4

Employee

works on hour   Salaried Emp   Salaried Emp on commn   Emp. union.

ID → object

2) Deleting   if only remove by ID

search (else not found.
  ID

3) Post a Time Card
       Search in DS → if found →append
                          else → ignore

4) Post a Sales Receipt
        Search in DS → if find → append
                          else → ignore.

5) Post a Union membership
        If already a union member → do nothing
        else make a union member & add critical changes.

6) Change details.
        * Union details (a changes, due rate)
          hour rate & commission rate.

7) Pay roll application
        Every friday → pay total commission amount
                         & pay to workers.
        every last day of month → pay to salaried employees.