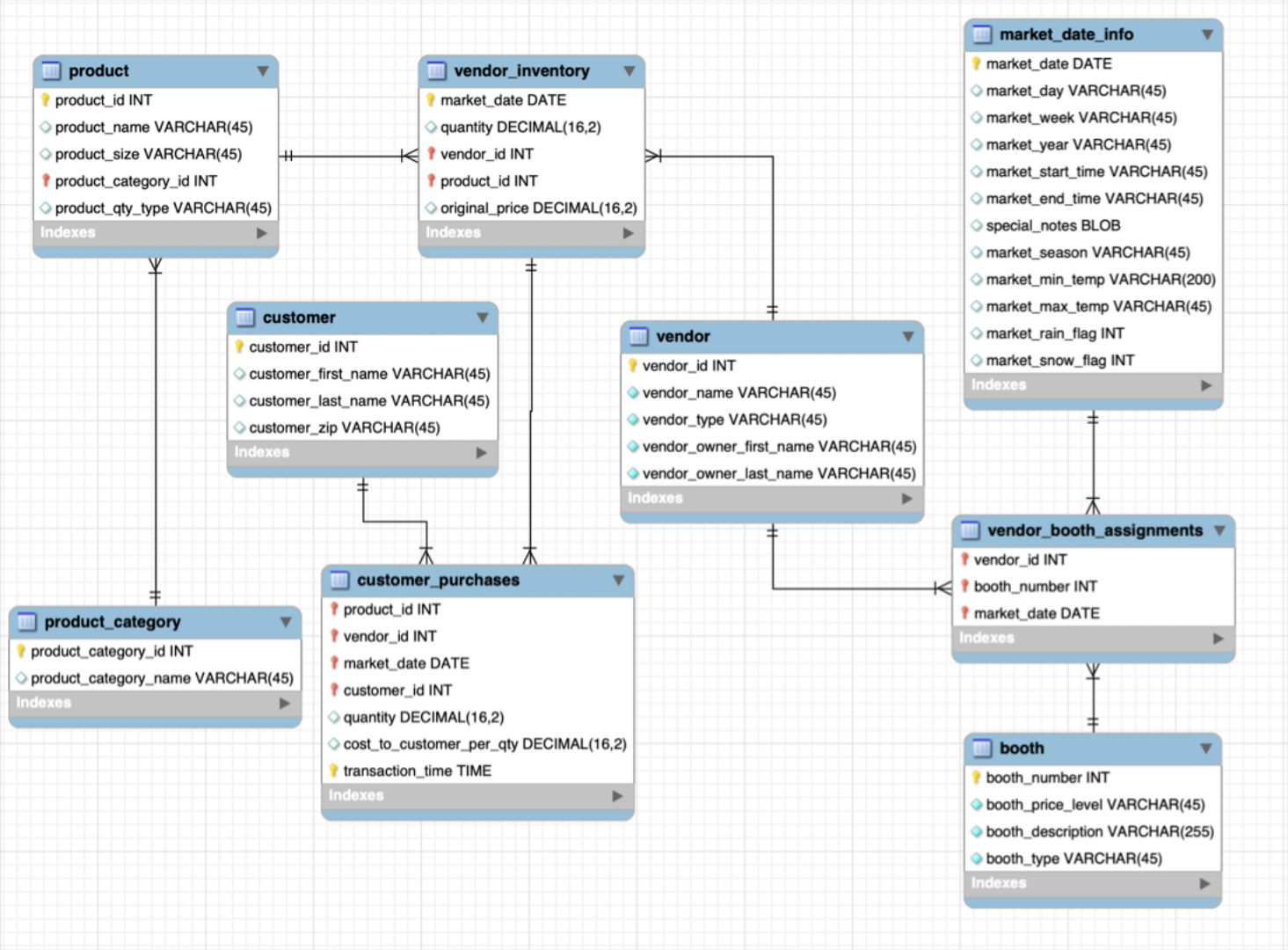
Agenda

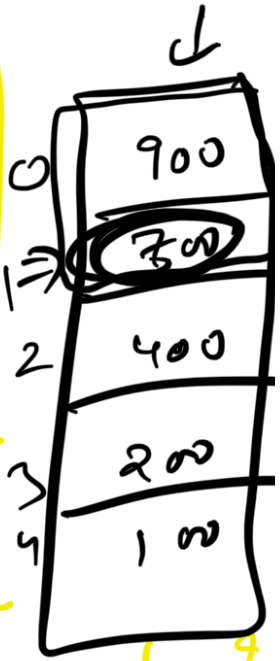
a. Functions in sql
b. Where Clause
c. AND,OR operators
d. Like Operator
e. usage of NULL
f. Subqueries
g. CASE statement



① Offset

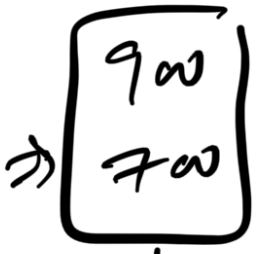
employee

	eid	name	Sal	Dept
0	1	A	40	IT
1	2	B	20	IT
2	3	C	70	AD
3	4	D	10	HR
4	5	E	90	AD

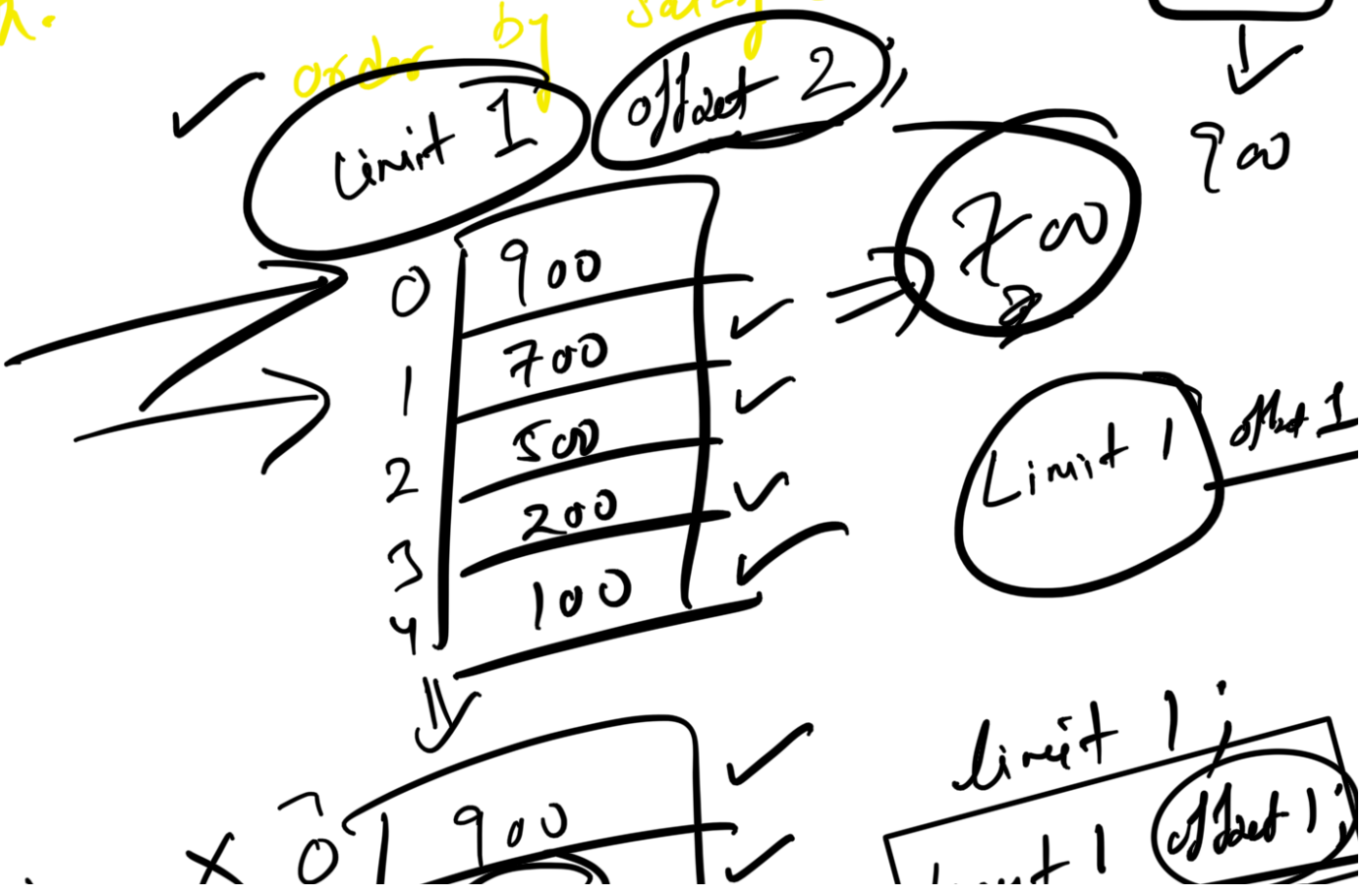


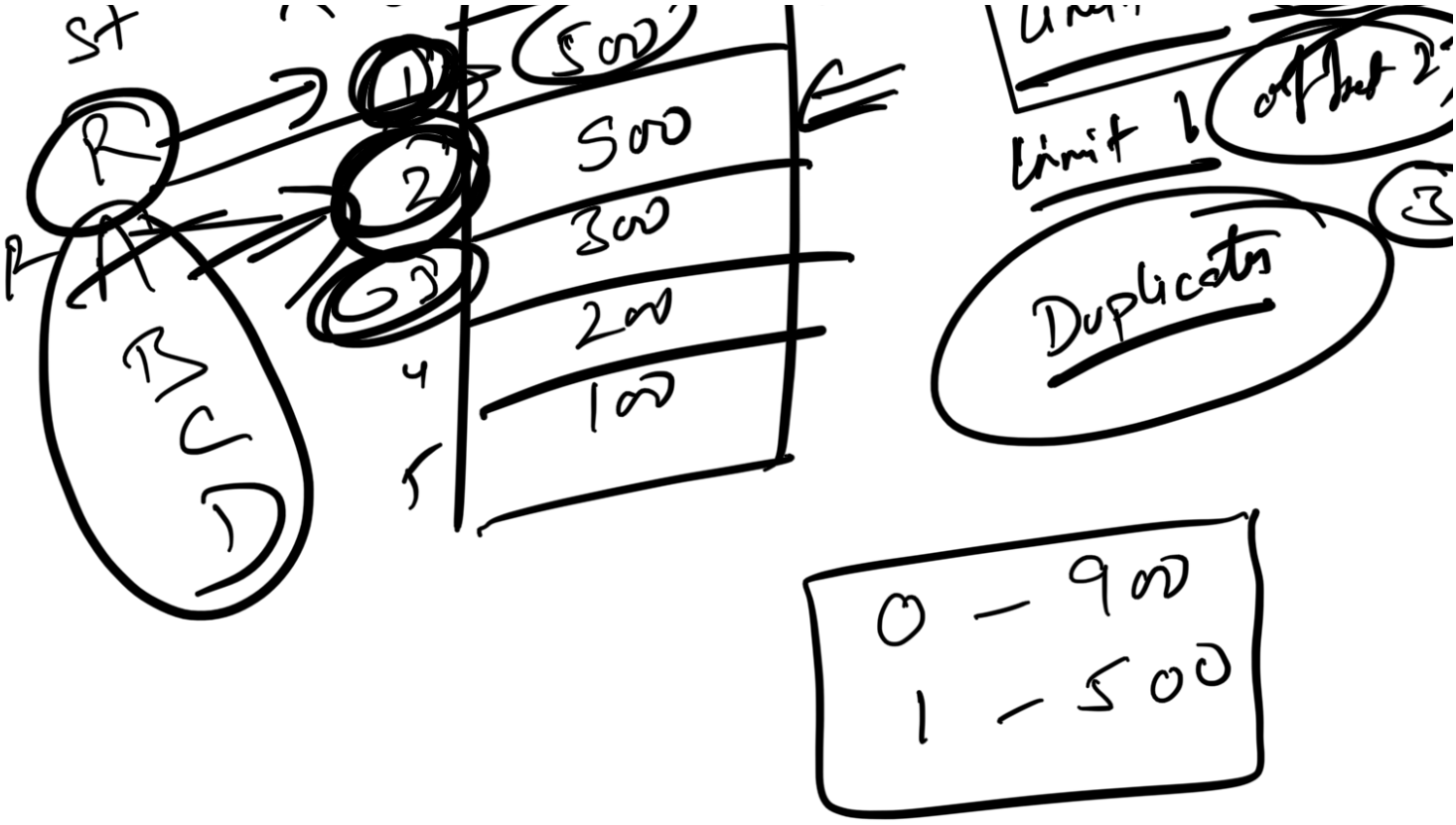
Qn. Get me second highest Salary from employee?

Ans. Select * from employee order by Salary desc



900





Functions

Round (col, 1)

→ Ceil

→ Floor

→ least

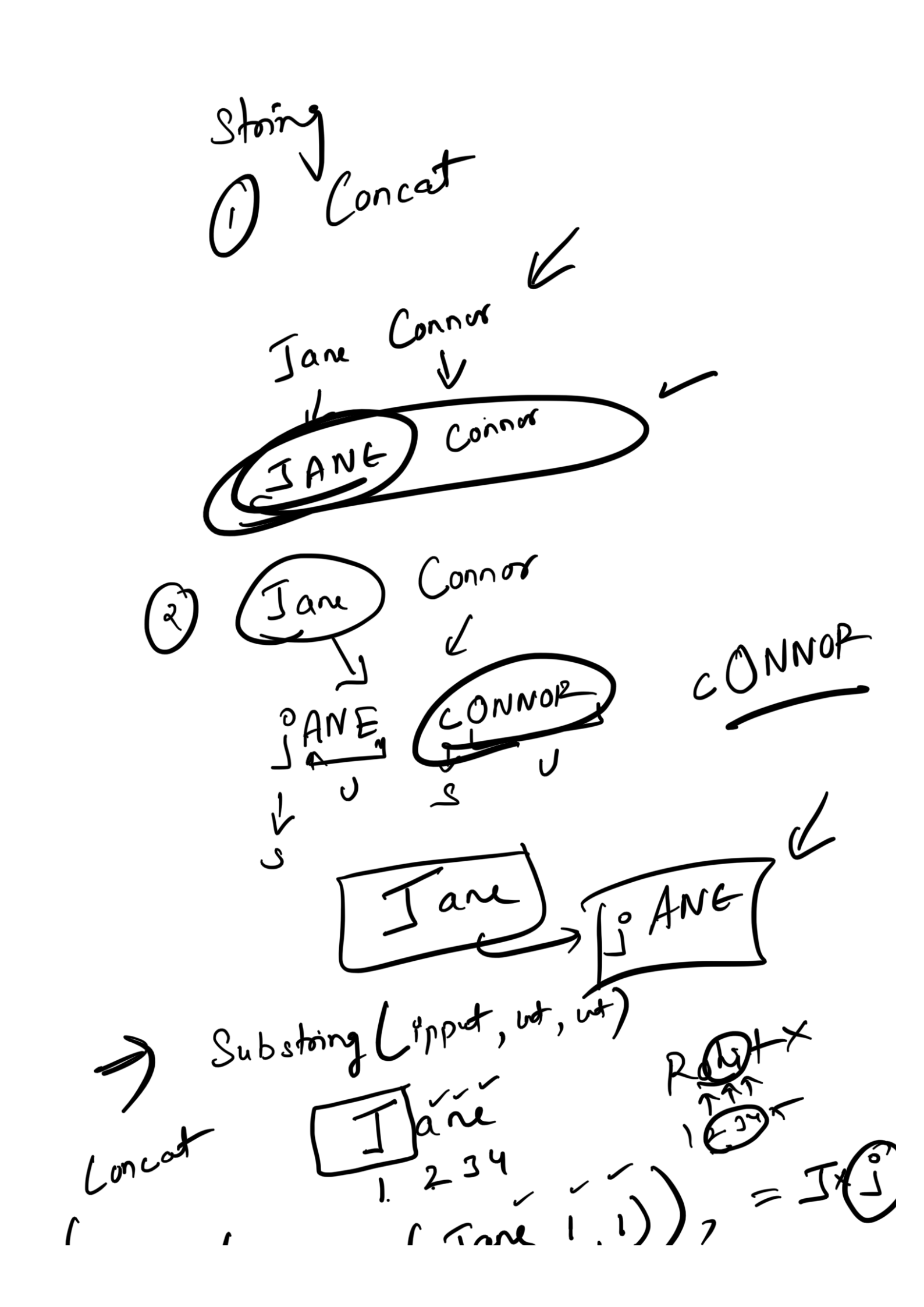
→ greatest

Select least (7, 4, 2, 1)

↓

greatest = 7 1

↳ = 7


String
Concat
Jane
Connor
JANE
Connor
Jane
Connor
JANE
CONNOR
cONNOR
Jane
jANE
Substring (input, int, int)
Concat

lower (Substring (

upper (Substring (Jane (2))) = ane

ANE

JANE

)

OR

(1)	(2)	
F	F	F
T	F	T
F	T	T
T	T	T

AND

T	T	T
T	F	F
F	T	F
F	F	F

IN (1, 2, 3)

IN (' ' , (' , ('))

Pattern Matching

like operator

(1) % (2) _

Jeremy ✓
Jermmy ✓
Jereemay ✓
jeremy ✗

Jer%

Case sensitivity

%aksh% ⇒ 0 - more character

(a) akshay ✓
(b) Moakshi ✓
(c) Aakshay ✓
(d) Rudrakshi ✓

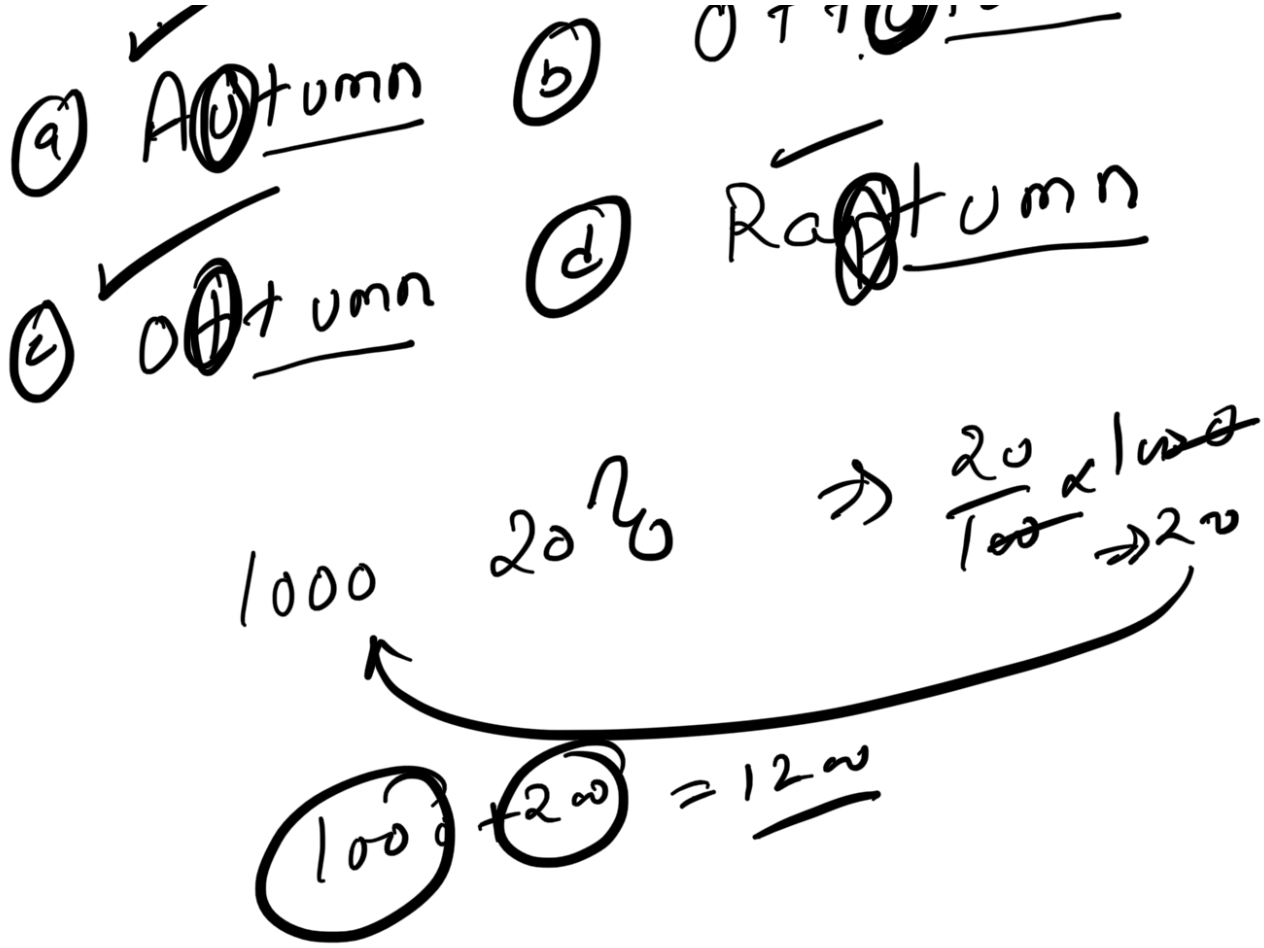
one 2 only 1

_mit

(1) Amit ✓
(2) chamit ✗
(3) Shamit ✗
(4) legit ✗

Q- %_tumn

tumn



→ A ÷ ÷ ÷ ÷ ÷ N

1) AshmiN ×
2) Astumn ×
3) AngayN
4) Athiranan ×