

✓ → Code Quality —

✓ → DBMS → SQL

5 min

9:45 → 5:50

Code Quality

↳ Modularity

↳ variable names are meaningful.

↳ functions names.

↳ Indentation

→ `if (—) { else { }`

```
int a = 12345, b = 0;
```

```
while (a > 0)
```

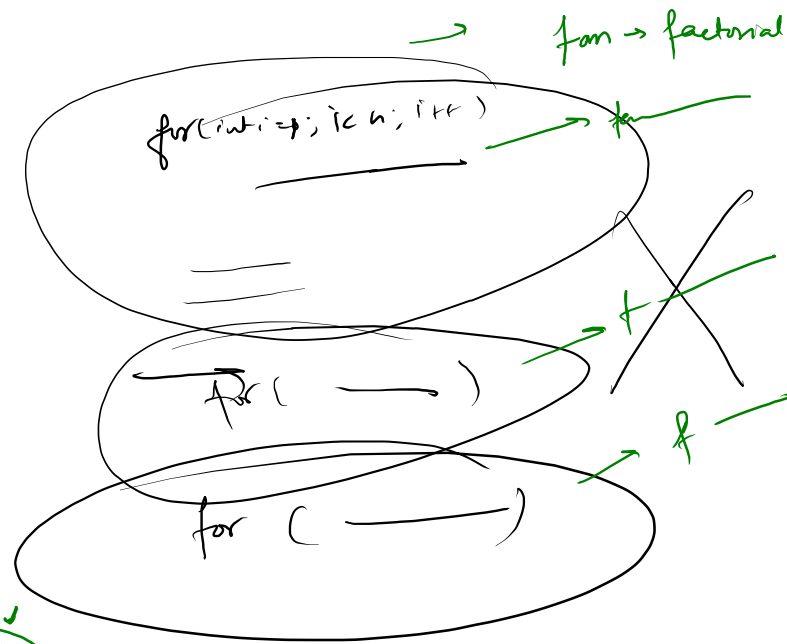
```
{ b++ ✓  
  a /= 10;  
}
```

```
int a = 12345,  
numOfDigits = 0;
```

```
while (a > 0) { ✓
```

```
→ numOfDigits++,  
  a /= 10;  
}
```

find

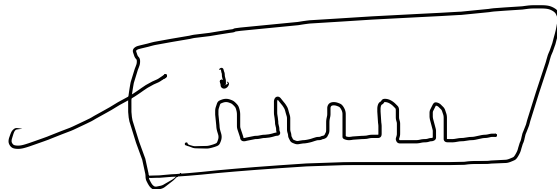


→ Regarding space after if/else statement

```
public class Solution {public static void main(String[] args) {  
    if (condition) {  
  
    } else if (condition) {  
        int a=b+c;  
        int a = b + c;  
    } else {  
  
    }  
  
}
```

Snake Case Writing

sumOfNumbers.



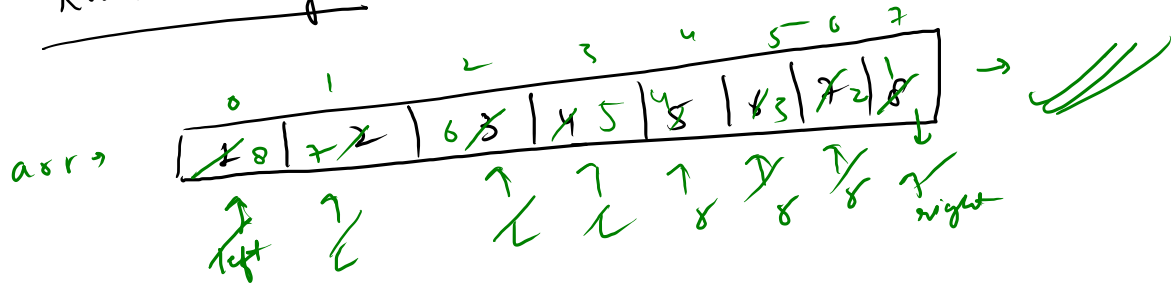
→ sumofnumbers

→ sumOfNumbers X

→ ~~sumOf~~

↳ Optimized Code

Reverse array



SAL

↳ structure

Query Language

4 records

40,000

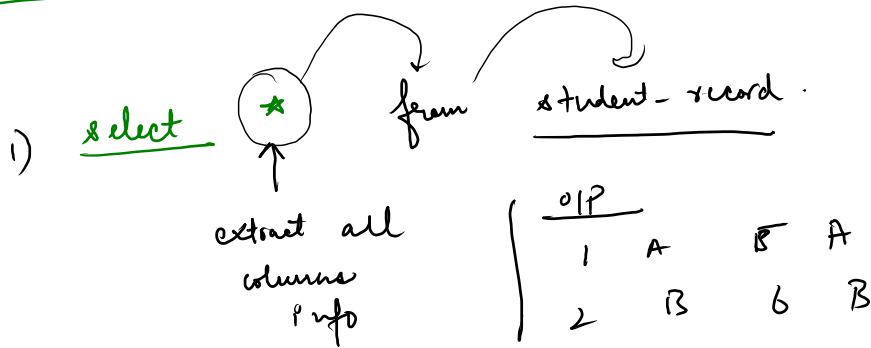
Roll no.	Class	Sec	Name	Mark	Percentage

I want records which have following properties.

- 1 Name - 'A'
- 2 Class > 5
- 3 % → > 95
- 4 Sec - B

⇒ SQL, Case insensitive.

↳ Select Statement



2) select name from student-record.

↳ name

↳ A

↳ B

Table → student-record.

Roll	Name	Class	Sec
1	AB	5	A
2	4B	6	B

3) select Name, sec from student-record.

↳ Name sec

A A

B B

Select distinct

5 6 7 8

select class from student-record

6 5 -
6 -
7 -
5
7
8 -

select distinct class
from student-record.

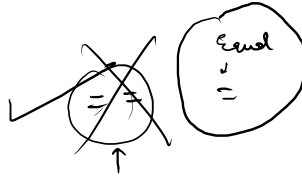
6 5
6
7
8

Roll	Name	Class	sec.
1	A	5	A
2	B	6	B
3	C	7	C
4	D	5	A
5	E	7	D
6	F	8	C

Where clause

↳ Provide detail of students which are in class 7

select * from student-record



or

select * from student-record where class = 7 ;
↳ 3 C 7 C
5 E 7 C

select * from student-record where sec = 'B' ;

Roll	Name	Class	sec
1	A	5	A
2	B	6	B
3	C	7	C
4	D	5	A
5	E	7	D
6	F	8	C

sec = 'A'

Text → use single quotes

Numeric → no need of single quotes

Revising the Select Query II

Easy, SQL (Basic), Max Score: 10, Success Rate: 98.72%



Solved

Select All

Easy, SQL (Basic), Max Score: 10, Success Rate: 99.57%



Solved

⇒ 5 mins

Select By ID

Easy, SQL (Basic), Max Score: 10, Success Rate: 99.67%



Solved

Japanese Cities' Attributes

Easy, SQL (Basic), Max Score: 10, Success Rate: 99.62%



Solved

Japanese Cities' Names

Easy, SQL (Basic), Max Score: 10, Success Rate: 99.57%



Solved