

Day 4

CONTROL STATEMENTS:

- ① Decision Making / conditional
- ② Iteration / Looping
- ③ Jumping statements

① Decision Making / conditional statement:

- ① if
- ② if else
- ③ else if
- ④ Nested if
- ⑤ switch

① IF:

```
if (condition)
{
    // code
}
```

eg: in age = 3;

if (age >= 18)

{
if it is true

{
it will execute

}
System.out.println("eligible for vote");

}

• IF is only using for the true condition.

② IF else:

if (Condition)

{
TRUE > // code
}

else {

FALSE > // code

}

• Condition can be True / False

③ ELSE IF : / else if ladder :

• We need to check multiple condition

if (c1)

{
//
}

c1, c2, c3, c4 → conditions

else if (c2)

{
//
}

else if (c3)

{
//
}

else if (cn)

{
//
}

else {
// statement A + False
}

int age = 6

if (age > 1 && age < 18)
 "winner"

else if (age > 18 && age < 60)
 "major"

(age > 60)
 "senior"

else
 "invalid"
}