

Today's Content:

- Datatypes
- Reading Input Using Scanner
- Relational Operators
- Conditional Statements

//
if C : Statement 1

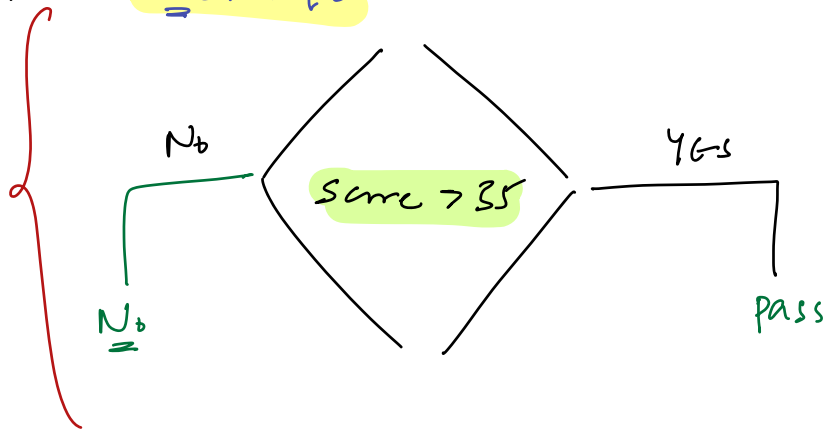
if C : Statement 1

$$\{f \mid (\text{condition})\}$$

3

Statmet 3

Statement 4

$$\text{pf} \underline{C} :$$
$$Sc_{m2} = 40$$


11

6

if (condition) {

\vdots
 \equiv } Statmen A

Ex 1:

```
main() {
```

```
    print( apple )
```

```
    int n = 30
```

```
    if ( n >= 40 ) {
```

```
        |
        | print( " Yay I pass" )
        |
    }
```

```
    print( " Good luck" )
```

```
}
```

// Statement A

```
if ( condition ) {
```

```
    |
    | Statement B
    |
}
```

Statement C

condition ✓

A B C

condition ✗

A C

// A = 50

{ A >= 35: print (pass)
 else: print (fail)

main() {

int A = 40

print("chrc");

if (A >= 35) {

|
 print("pass")
 |
 }

else {

|
 print("fail")
 |
 }

print("cat")

}

A = 40

chrc
pass
cat

A = 20

chrc
fail
cat

Statement A

if (condition) {

|
 Statement B
 }

else {

|
 Statement C
 }

Statement D

condition?

A B O

Condition X

A C O