

## Conditional Statements

- ① If else
- ② else if
- ③ ternary operator
- ④ Switch

① If else

```

If (conditional) {
    cout (" ");
} else {
    cout (" ");
}
    
```

② else if

```

If (Cond1) {
    cout (" ");
} else if (Cond2) {
    cout (" ");
} else {
    cout (" ");
}
    
```

} true <sup>ek</sup>  
 If false then compiler will  
 check for Cond 2

③ ternary operator

variable = condition ? statement1 : statement2  
 ↖ result will store

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Here, condition? is true

Compiler will execute statement1

Condition? is false

Compiler will execute statement2



int larger = (5 > 3) ? 5 : 3;

after checking the condition  
value will store in 'larger' variable.

String type = (5 % 2 == 0) ? "even" : "odd";

after checking the condition  
odd will store in type

#### ④ Switch Statement

switch (variable) {

case 1: break;

case 2: break;

case 3: break;

default:

}