

# Decision Control instruction



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# Agenda

- **Control Statements**
- **Decision Control Statements**
- **if**
- **if - else**
- **Conditional operator**
- **Nested if - else**
- **if else ladder**

# Control Statements

- **Decision Control instruction or, (Selection Control instruction)**
- **Iterative Control instruction**
- **Switch case Control instruction**
- **goto Control instruction**

# Decision Control Statements

- **if**
- **if - else**
- **Conditional operator**

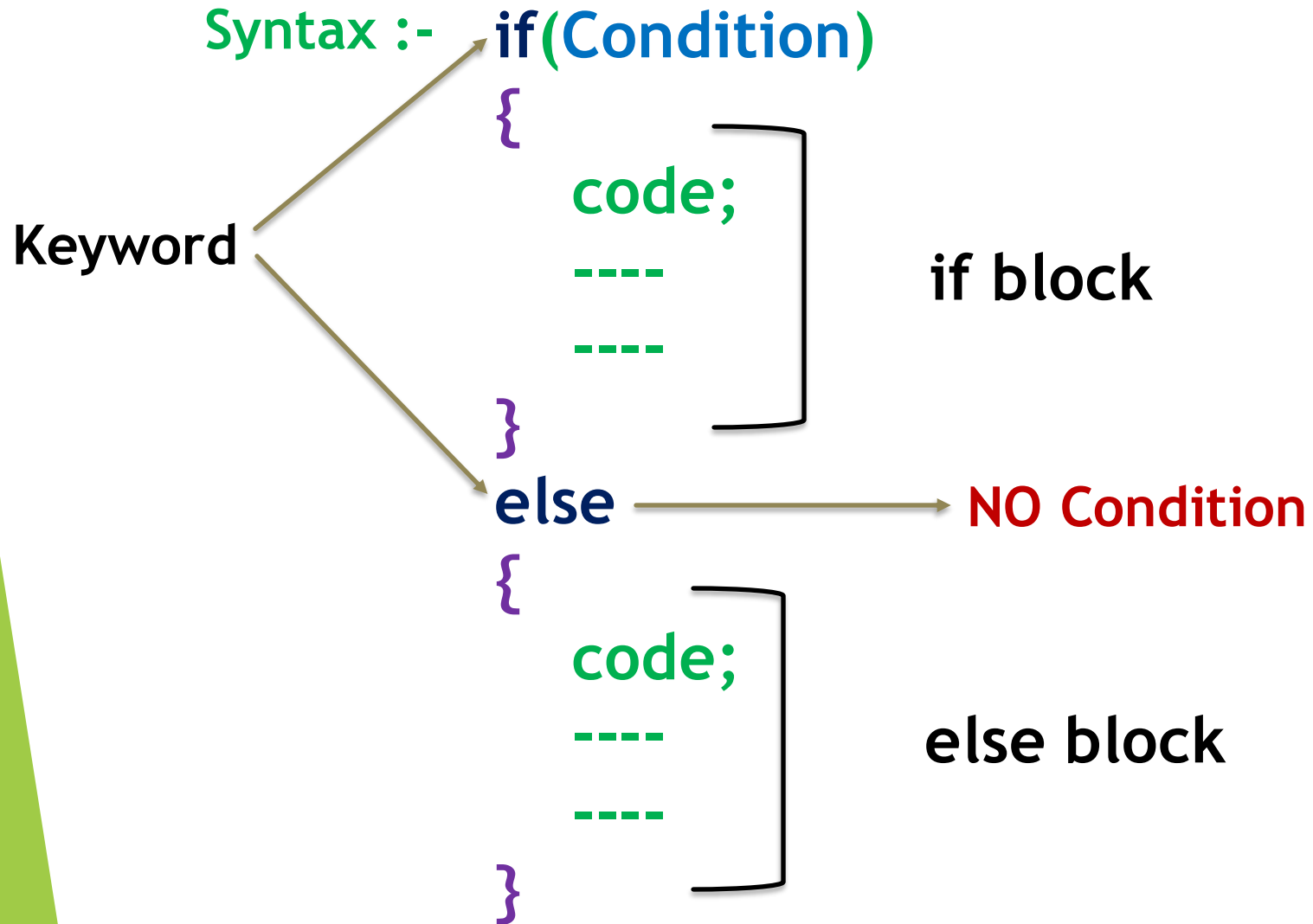
# if

- **if is a keyword**

**Syntax:-** **if(Condition)**  
**{**  
    **code;**  
    **code;**  
**}**

# if - else

- else is a keyword

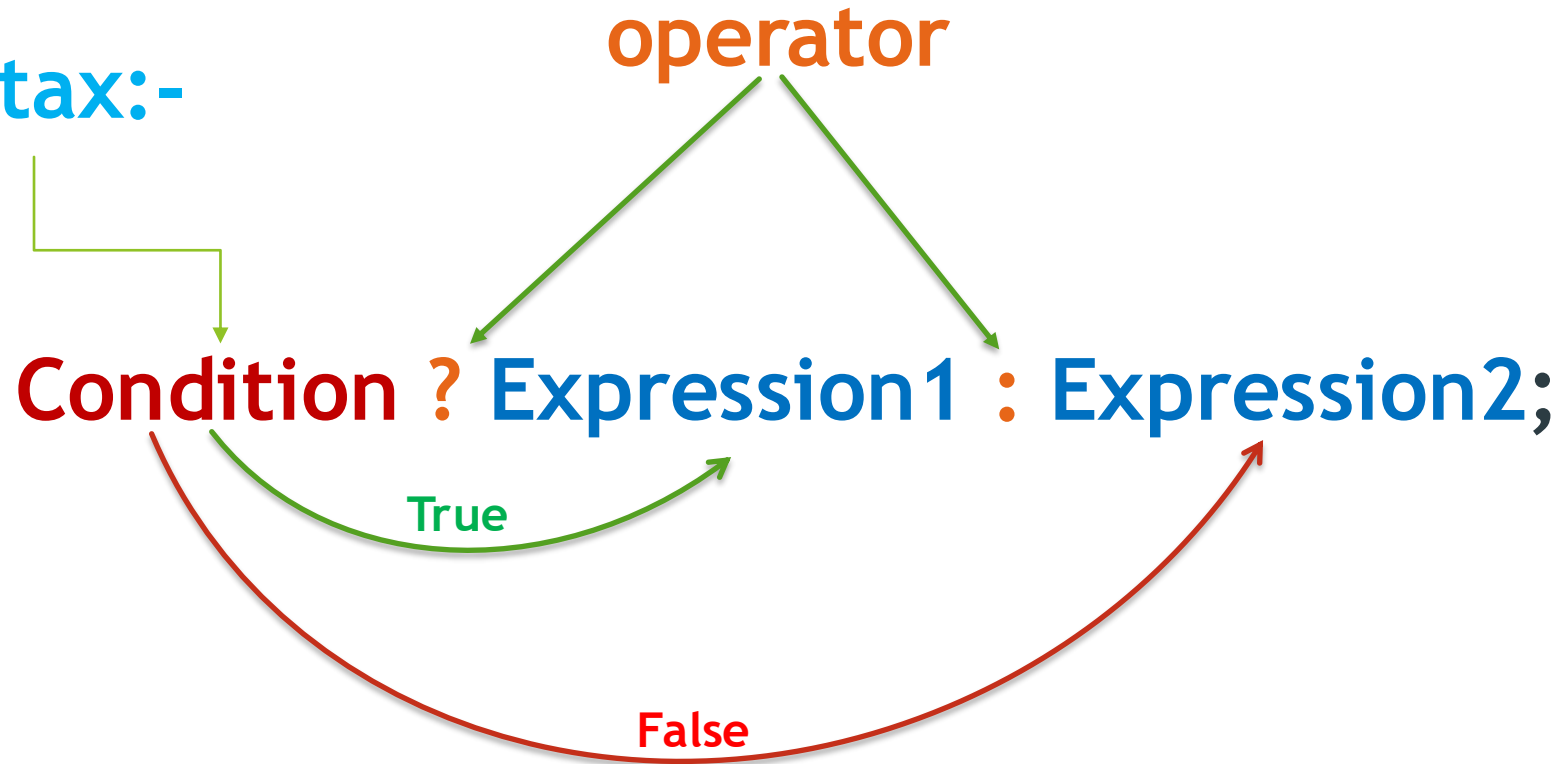


✓ **Every Non zero number is True or zero Number is false.**

- Rules :-**
- **Condition is True run if block**
  - **Condition is False run else block**
  - **else बिना if के नहीं लिख सकते हैं**
  - **if के बाद just else लिखते हैं**
  - **else के आगे कोई condition नहीं होगा**

# Conditional operator

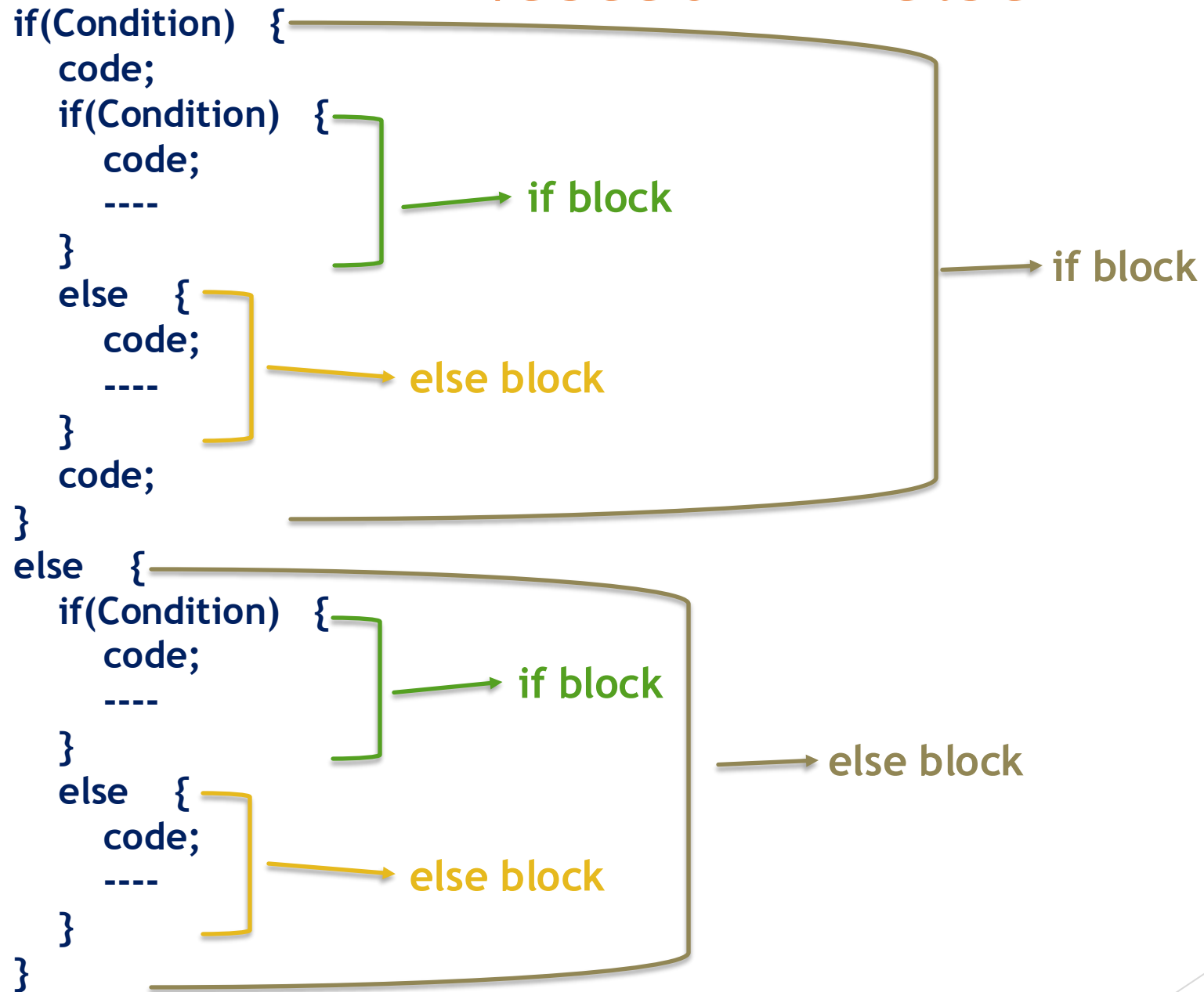
Syntax:-



- **Note :- Ternary operator**



# Nested if - else



# if else ladder

```
if(Condition) {  
    code;  
    ----  
}  
else if(Condition) {  
    code;  
    ----  
}  
else if(Condition) {  
    code;  
    ----  
}  
else {  
    code;  
    ----  
}
```

