



Q write a program to read employee id, employee name, employee phone number and print the details

Q take 2 float numbers from user

a = float(input("Enter 1 number:"))

b = float(input("Enter 2 number:"))

Print (a)

Print (b)

Print (a+b)

* Print (a, "+", b, "=", a+b)

Print ("Sum of", a, "+", b, "=", a+b)

Variables → without values

Numbers → manually values → should be double, cels

Separated by [,]

* dot. Format method

Print ("Sum of x+y = 13", Format (x, y, x+y))

* String method

Print ("Sum of x+y = 13")

* Operator

① Identity Operator

x is

y is not

ex: a = 4

a = 4

b = 4

b = 8

a is b

a is not b

OP true

OP false

2 Membership Operator
in not in

ex: i am a member of your family - False in
i am not a member of your family - True not in

You are a member of your family - true in
You are not a member of your family - False not in

Pet = ['dog', 'cat', 'cow', 'sheep']

'cat' in Pet → True

'lion' in Pet → False

'cat' not in Pet → False

'lion' not in Pet → True

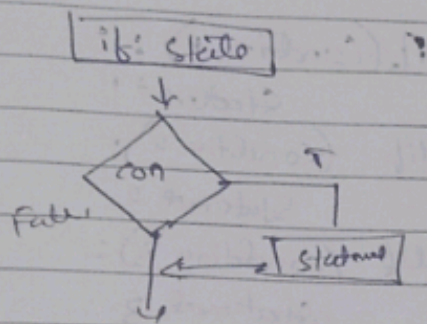
→ Conditional Statement

→ It is allow us to make decision in code, They check condition (expression that result in true or False) and execute different block of codes accordingly

* Types of Conditional Statements

- ① if statement → execute a block only if the condition is true
- ② if... else statement → provides two paths, one if condition is true, another if False
- 3 if... elif... else ladder: multiple condition checked one by one
- u Nested if - using one if inside another

① if



ex:-

$x = 10$

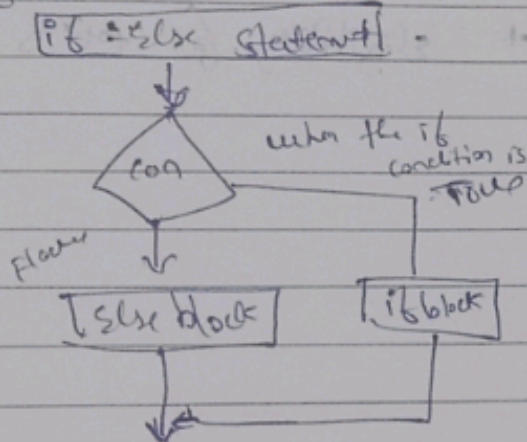
if $x > 5$:

Print ("x is greater than 5")

syntax

if (condition):
 statements

② if-else



$x = 2$

if $(x > 5)$:

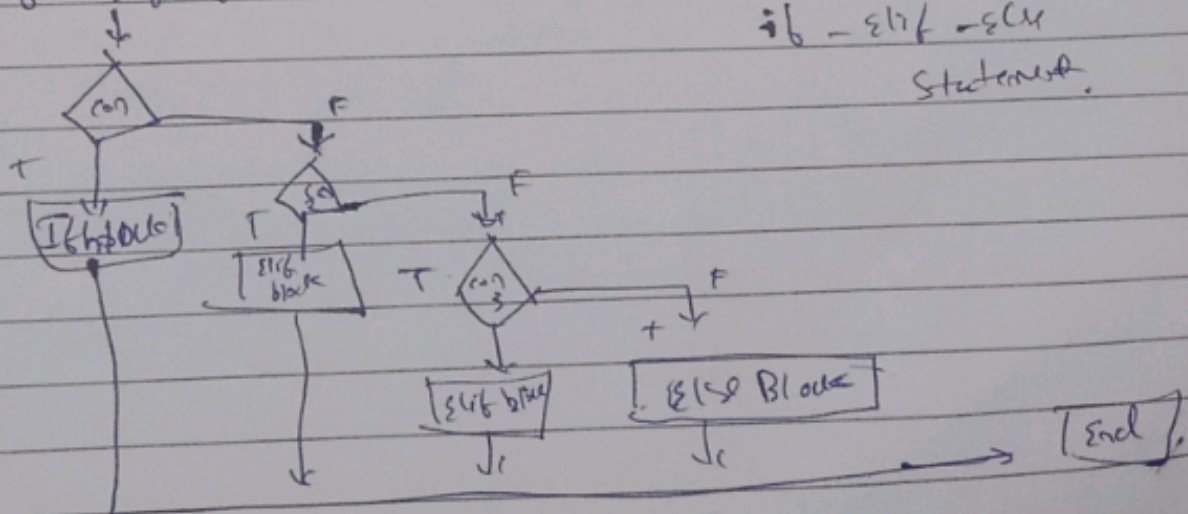
Print ("x is greater than 5")

else:

Print ("x is not greater than 5")

O/P = x is not greater than 5.

③ if-elif-else (ladder)



if-elif-else
Statement.



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Syntax

If (Condition 1):
Statement 1

else

If (Condition 2):
Statement 2

else:

If (Condition 3):
Statements

else:

Statements.

If (Condition 1):

Statement 1

elif (Condition 2):

Statement 2

elif (Condition 3):

Statement 3

else:

Statement