

14/11/23

Day 43

Conditional Control Statement

i) IF

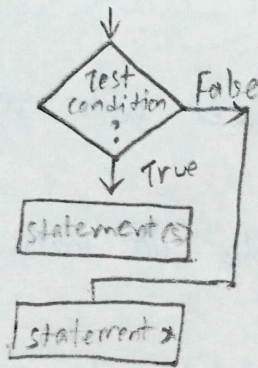
* Syntax :

if (condition) :

Statement (s)

Statement - x

* Flowchart



* Program

E.g. :

age = 10

if (age > 20) :

print("Eligible to
- vote")

print("Thank you")

#1 Program to check whether the given number is positive.

```
n = int(input("Enter n: "))
```

```
if (n > 0) :
```

```
    print("n is positive")
```

```
print("Thank you")
```

#2 Program to check whether the given number is even

```
n = int(input("Enter n: "))
```

```
if (n % 2 == 0) :
```

```
    print("n is Even")
```

```
print("Thank you")
```


iv Alternate IF

* Sytax :

if (condition) :

True block statement(s)

else :

False block statements (s)

Statement - x

* Program :

Eg :

#3 age = int(input("Enter your age"))

if (age >= 18) :

print("Eligible to vote")

else :

print("Not eligible to vote")

print("Thank you")

#9 Program to check whether the given no is even or odd

inp = int(input("Enter a no"))

if (inp % 2 == 0) :

Print("Even no")

else :

Print("Odd no")

print("Thank you")

#

Program to check whether
the given no is +ve or -ve

```
in = int(input("Enter a no"))
```

```
if (in > 0):
```

```
    print("given no is +ve")
```

```
else:
```

```
    print("given no is -ve")
```

```
print("Thank you")
```

#

Program to find the greatest among
two number:

```
n1 = int(input("Enter no 1 : "))
```

```
n2 = int(input("Enter no 2 : "))
```

```
if (n1 > n2):
```

```
    print(n1, "is greater")
```

```
else:
```

```
    print(n2, "is greater")
```

```
print("Thank you")
```