

Agenda

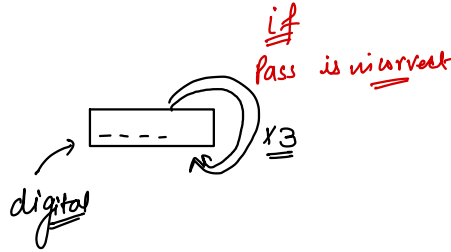
→ loops $\begin{cases} \text{while} \\ \text{for} \end{cases}$

→ customize loops

↳ ranges / list

Automation

Lock → Phone
safe
:
i



Automate → teach program the logic

Variable (x)

$x = 0$
Add 1 to x if Pass is incorrect →

$x=1$

pass \rightarrow incorrect

Adding $1+x$

$x=2$

pass incorrect

Adding x



$x=3$

stop the logic

Basic Examples

Q Print numbers from 1 to 5 \rightarrow take input from the user.



Syntax

$n=5$

Most imp part. $\left\{ \begin{array}{l} x=0, \text{ iterate } \rightarrow 1+1+1 \\ \text{(Adding 1 till you get 4)} \end{array} \right.$

output

1
2
3
4
5

