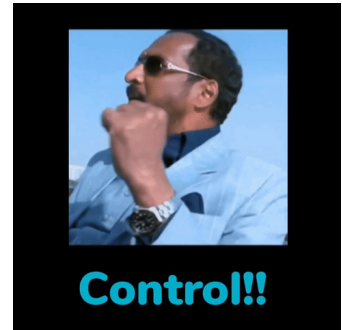


Control Statements 2



Agenda

- Positive or not
- Odd even
- Favourite Language
- Introduction to elif
- FizzBuzz

- if
- else

Odd / Even

83 \rightarrow odd

92 \rightarrow even

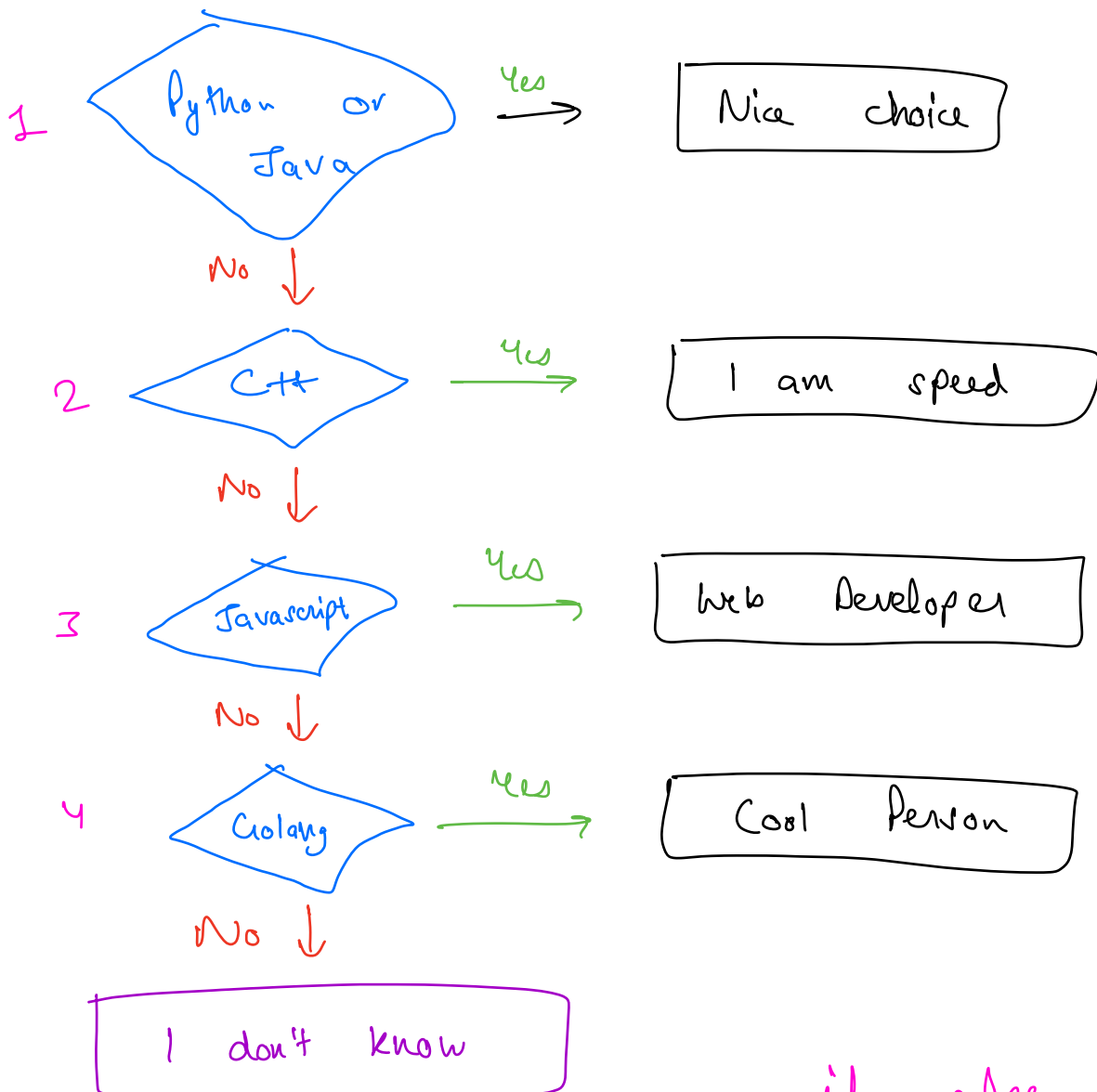
Division	83 / 2 \rightarrow	41		92 / 2 =	46
Remainder	83 % 2 \rightarrow	1		92 % 2 =	0

if $N \% 2 == 0$:
 N is even

else :

 N is odd

elif → else if



if - else
ladder

```
if False:
```

```
    print("Artificial Intelligence") ✗
```

```
elif True:
```

```
    print("Machine Learning") ← ✓ Output
```

```
elif True:
```

```
    print("Data Science")
```

```
else:
```

```
    print("Deep Learning")
```

Does not execute

$N > 0$ → False

$N = 10$
if $N > 0$:
 print("Hello")

elif $N == 0$:
 print("Hi")

$N = 10$
if False :
 print("Hello")

elif $N == 0$:
 print("Hi")

if

$N > 0$ and $x == 5$ and $y == 20$

True

False

if True | if False

Break till 10:16 PM

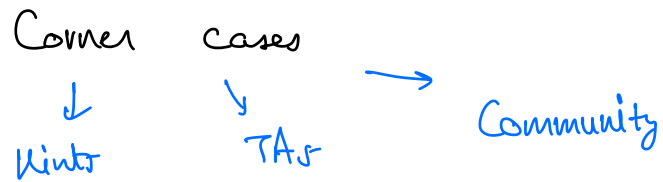
bool
1 → True
0 → False

a and b
True and False → F

Doubts

Thank
you

- Hackerrank
 - Hacker earth
- } Extra Questions



Good
Night

Thank
you

Wednesday