

# Session 2: Conditional statements and loops

C4E - Fundamentals

# Previously on C4E

- Variable
- If – Else – Elif
- For loop
- Turtle

Variable

# Variable

`{variable_name}` = `{value}`

Conditional statement

If

```
if age < 10:  
    print("Baby")
```

```
print("Bye bye") ← Not inside if block
```

If - Else

```
if age < 10:  
    print("Baby")
```

```
else:  
    print("Not A Baby")
```

```
print("Bye bye")
```

Not inside if block

If – Elself - Else

```
if age < 10:  
    print("Baby")  
elif age < 18:  
    print("Teenager")  
else:  
    print("Adult")
```



# For Loop

For range

```
for i in range(100):
```

```
...
```

For range

```
for i in range({stop}):  
    ...
```

For range

```
for i in range({start}, {stop}):  
    ...
```

# For range

```
for i in range({start}, {stop}, {step}):  
    ...
```