

## SECTION 3: PYTHON OBJECT AND DATA STRUCTURE BASICS, 2 hrs 2 mins, 33 parts

### • 2/36 Python Numbers

- -> number types
  - -> integers
  - -> floating point numbers
- -> variables can be used to store these
- -> in a JN
  - view > toggle header / toolbar can be used to increase the amount of space on the page
  - code
    - it's a calculator
      - $2+1$
      - $2-1$
      - $2*2$
      - $2/2$
    - **Modulo -> the remainder after division**
      - $7\%4$  <- this is remainder -> compared to  $7/4$  which is division
      - -> compared to  $\parallel$  in maths -> which is the modulus (the positive version of the number)
      - -> modulo implies if a number is odd or even
    - more examples
      - $2**3$  <- cubed
      - it's following BIDMAS -> which means the order of operations matters (so use brackets)