Profile

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Progress

Input, print and numbers: Sum of three numbers | Hi John | Square | Area of right-angled triangle | Hello, Harry! | Apple sharing | Previous and next | Two timestamps | School desks

Conditions: if, then, else: Minimum of two numbers | Sign function | Minimum of three numbers | Equal numbers | Rook move | Chess board - same color | King move | Bishop moves | Queen move | Knight move | Chocolate bar | Leap year

Integer and float numbers: Last digit of integer | Tens digit | Sum of digits | Fractional part | First digit after decimal point | Car route | Digital clock | Total cost | Clock face - 1 | Clock face - 2

Teach Python 3 and web design with 200+ exercises:

For loop with range: Series - 1 | Series - 2 | Sum of ten numbers | Sum of N numbers | Sum of cubes | Factorial | The number of zeros | Adding factorials | Ladder | Lost card

Strings: Slices | The number of words | The two halves | To swap the two words | The first and last occurrence | The second occurrence | Remove the fragment | Reverse the fragment | Replace the substring | Delete a character | Replace within the fragment | Delete every third character

While loop: List of squares | Least divisor | The power of two | Morning jog | The length of the sequence | The sum of the sequence | The average of the sequence | The maximum of the sequence | The index of the maximum of a sequence | The number of even elements of the sequence | The number of elements that are greater than the previous one | The second maximum | The number of elements equal to the maximum | Fibonacci numbers | The index of a Fibonacci number | The maximum number of consecutive equal elements

Lists: Even indices | Even elements | Greater than previous | Neighbors of the same sign | Greater than neighbours | The largest element | The number of distinct elements | Swap neighbours | Swap min and max | The number of pairs of equal | Unique elements | Queens | The bowling alley

Functions and recursion: The length of the segment | Negative exponent | Uppercase | Exponentiation | Reverse the sequence | Fibonacci numbers

Two-dimensional lists (arrays): Maximum | Snowflake | Chess board | The diagonal parallel to the main | Side diagonal | Swap the columns | Scale a matrix | Multiply two matrices

Sets: The number of distinct numbers | The number of equal numbers | The intersection of sets | Has the number been encountered before | Cubes | The number of distinct words in some text | Guess the number | Polyglots

Dictionaries: Number of occurrences | Dictionary of synonyms | Elections in the USA | The most frequent word | Access rights | Countries and cities | Frequency analysis | English-Latin dictionary