| DATE | TOPIC | HOMEWORK |
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| 20.08.25 | Basic Data Types  -string  Clean\_price = price.strip($)  -numbers   * Integers * Floats * Complex   -type casting (conversion of types)  Print(type(var))  -Boolean  Special characters  Print(“Hello there\n” \* 5  Print(‘Hello there , aren\’t we are having fun?\n’ \* 5  Print(‘Hello there , aren\’t we are having fun?\t’ \* 5  The f’ string  Print(f’Welcome, {user\_name}!’)  -Conditionals  My\_hobbies = “sport, code, food, icecream, netflix”  If ‘yoga’ or ‘netflix’ in my\_hobbies:  Print(‘let’s have meditation’) |  |
| 21.08.25 | Data structures  List()  List.append()  List.insert(1, ‘element’)  List.remove(‘element’) – only 1st appearance  List.pop() – remove last position or indexed position.  List.copy()  List.extend()  Tuple()  Can’t be created with just 1 element.  Elements can’t be changed.  We can use index.  Tuple.count()  Tuple() = Tuple + Tuple  We can assign variables for each element of a tuple.  Sets  Unordered sequence.  No duplicates.  We can delete duplicated items by converting lists to sets.  Set1.intersection(set2) – common words  Set1.difference(set2) – only different words  Loops  Strings  Lists  Tuples  Sets  Ranges  For var in sequence  Range – creates a sequence  Print(list(range(10)) = 0,1,2,3,4,5,6,7,8,9  An element of a range is always a number  While I <= 10  Print(‘hello’)  I += 1 |  |