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| Topic: Loops  Exercise : Create a while loop that calculates the factorial of a given number. |
| Topic: IF then else  Exercise : Create a script that determines if a given year is a leap year or not. |
| Topic: LISTs, Sets, Dictionaries, Tuples, Strings  Exercise : Write a program to reverse a tuple. |
| Topic: List/Dict comprehension  Exercise : Write a program that generates a list of prime numbers using list comprehension. |
| Topic: LAMBDA functions  Exercise : Create a program to find the maximum value in a list using a lambda function. |
| Topic: default dictionary  Exercise : Create a program to calculate the average score for each student in a dictionary using a defaultdict. |
| Topic: Exception handling  Exercise : Implement a script that raises a custom exception when a condition is not met and handles it using try-except. |
| Topic: string operations  Exercise : Implement a function to remove all whitespace characters from a string. |
| Topic: zip command  Exercise : Create a program that uses zip to transpose a matrix (list of lists). |
| Topic: Python Date and time  Exercise : Write a Python function to find the number of days between two given dates. |
| Topic: Python functions involving default args, \*args and \*\*argv  Exercise : Create a program that uses \*args to print all the arguments passed to a function. |