



Python Assignment 2

Task 01:

Question 01: Write a for loop that calculates the sum of numbers from 1 to 10.

Question 02: Print the items of the list ["Python", "Numpy", "Pandas"] in reverse order using a for loop.

Task 02:

Question 01: Implement a guessing game with a while loop where the user has to guess a set number (e.g., 3). The loop terminates once the user guesses correctly.

Question 02: Write a while loop that asks for user input and adds it to a list. Exit the loop when the user types "done".

Task 03:

Question 01: Write a function that prints all even numbers between 1 and 20.

Question 02: Write a function that takes a list and a number as arguments and returns.

Question 03: Write a function calculator that takes three arguments: two numbers and an operation (as a string, e.g., "add", "subtract", "multiply", "divide") and returns the result of the operation.

Question 04: Write a function that takes a list of numbers and returns the maximum number in the list?

Question 05: Create a lambda function that takes two numbers and returns their product.

Question 06: Write a function that takes a list and returns a new list containing only the even numbers from the original list.