1_HW_Python Basic Exercise

1. Given two integer numbers return their product only if the product is greater than 1000, else return their sum.
2. Exercise 2: Print the sum of the current number and the previous number
3. Check if the first and last number of a list is the same. Write a function to return True if the first and last number of a given list is same. If numbers are different then return False.
4. Accept numbers from a user. Write a program to accept two numbers from the user and calculate multiplication.
5. Display numbers from a list using loop. Write a program to display only those numbers from a list that satisfy the following conditions
6. Given two lists, l1 and l2, write a program to create a third list l3 by picking an odd-index element from the list l1 and even index elements from the list l2.
7. Write a program to remove the item present at index 4 and add it to the 2nd position and at the end of the list.
8. Checks if one set is a subset or superset of another set. If found, delete all elements from that set.
9. Create a 5X2 integer array from a range between 100 to 200 such that the difference between each element is 10.
10. Create two 2-D arrays and Plot them using matplotlib
11. From the given dataset print the first and last five rows (YOU SHOULD HAVE THE DATA).
12. Clean the dataset and update the CSV file.
13. Find the most expensive car company name.
14. Print All Toyota Cars details.
15. Count total cars per company.
16. Find each company's Higesht price car.
17. Find the average mileage of each car making company.
18. Sort all cars by Price column.
19. Create two data frames using the following two Dicts, Merge two data frames, and append the second data frame as a new column to the first data frame.
20. Read Total profit of all months and show it using a line plot (YOU SHOULD HAVE THE DATA).
21. Get total profit of all months and show line plot with the following Style properties.
22. Read all product sales data and show it using a multiline plot.
23. Read toothpaste sales data of each month and show it using a scatter plot.
24. Read face cream and facewash product sales data and show it using the bar chart.
25. Calculate total sale data for last year for each product and show it using a Pie chart.
26. Read all product sales data and show it using the stack plot

Best!!!

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