

Assignment

1. WAP to print the sum & average of the elements present in list

input: {4, 5, 0, 9, 8, 10} output: sum - 36 & average - 6

2. WAP to print the sum of the even numbers in a list

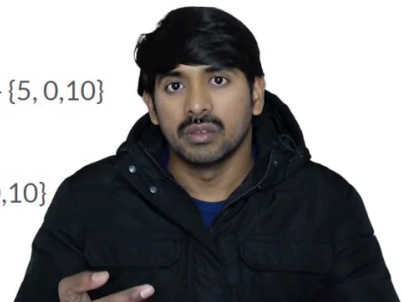
input: {4, 5, 0, 9, 8, 10} output: 22

3. WAP to split a list into two lists

input: {4, 9, 8, 5, 0, 10} output: list1 - {4, 9, 8} & list2 - {5, 0, 10}

4. WAP to merge two lists into a single list

input1: {4, 9, 8} input2: {5, 0, 10} output: {4, 9, 8, 5, 0, 10}



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Assignment - contd

5. WAP to print the repeated/duplicate elements along with its repetition count

input: {baby, ball, soap, baby, shampoo, chalk, soap, makeup, baby, lotion}

output: baby - 3 & soap - 2

6. WAP to identify the highest number of duplicates element in a list

input1: {4, 1, 9, 4, 8, 0, 5, 8, 1, 8, 6} output: 8

7. WAP to delete the duplicates from a list

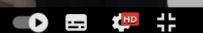
input1: {4, 1, 9, 4, 8, 0, 5, 1, 8, 6} output: {9, 0, 5, 6}

8. WAP to create a list of common elements between two lists

input1: {4, 9, 8, 5} input2: {1, 8, 0, 5, 1, 6} output: {8, 5}



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Assignment - contd

9. WAP to create a list of prime numbers until 50

input: 50 output: {2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47}

10. WAP to create an array from a list and print the array in the console

input: {4, 9, 8, 5, 0, 10} output: [4, 9, 8, 5, 0, 10]

11. WAP to delete the elements of list1 from list2

input1: {4, 9, 8} input2: {4, 1, 9, 4, 8, 0, 5, 1, 8, 6}

output: {1, 8, 0, 5, 1, 6}

12. WAP to print the position of an element in a list

input1: {1, 8, 0, 5, 1, 6} input2: 0 output: 3



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Assignment - contd

13. WAP to reverse a list

input: {1, 8, 0, 5, 1, 6} output: {6, 1, 5, 0, 8, 1}

14. WAP to sort a list in ascending & descending order

input: {4, 1, 9, 4, 8, 0, 5, 8, 1, 8, 6}

output1: {0, 1, 1, 4, 4, 5, 6, 8, 8, 8, 9}

output2: {9, 8, 8, 8, 6, 5, 4, 4, 1, 1, 0}

15. WAP to find the first Non-Repeating character in a list

input: {4, 1, 9, 4, 8, 0, 5, 8, 1, 8, 6} output: 9



Assignment - contd

16. WAP to create a list of employees with name, id, salary and country

output: [{"Modi", 101, 55555.55, "India"}, {"Bieden", 102, 66666.66, "USA"}]

17. WAP to calculate the salary of all the employees from one country

input1: [{"Modi", 101, 55555.55, "India"}, {"Bieden", 102, 66666.66, "USA"}, {"Rahul", 103, 22222.21, "India"}]

Input2: India

output: 77777.77



Assignment - contd

18. WAP to print the employee names grouped by country

Input:

[{"Modi", 101, 55555.55, "India"}, {"Bieden", 102, 66666.66, "USA"}, {"Rahul", 103, 22222.21, "India"}, {"Paul", 104, 111111.11, "USA"}]

Output:

India

- Modi
- Rahul

USA

- Bieden
- Paul



Assignment - contd

19. WAP to find the whether the given expression is balanced or not

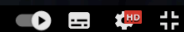
Input: {} Output: Yes

Input: [(){}]() Output: No

Input: (){}[] Output: No



14:07 / 20:10



Assignment - contd

20. WAP to Implement the browser navigation functionality

Input: visit <https://www.youtube.com/c/HYRTutorialsTelugu>

Output: <https://www.youtube.com/c/HYRTutorialsTelugu>

Input: visit <https://www.hyrtutorials.com/>

Output: <https://www.hyrtutorials.com/>

Input: back

Output: <https://www.youtube.com/c/HYRTutorialsTelugu>

Input: forward

Output: <https://www.hyrtutorials.com/>

