

Exercise 1: Calculate the multiplication and sum of two numbers

- Given two integer numbers return their product only if the product is equal to or lower than 1000, else return their sum.

Exercise 2: Print the sum of the current number and the previous number

- Write a program to iterate the first 10 numbers, and in each iteration, print the sum of the current and previous number.

Exercise 3: Print characters from a string that are present at an even index number

- Write a program to accept a string from the user and display characters that are present at an even index number.

Exercise 4: Remove first n characters from a string

- Write a program to remove characters from a string starting from zero up to n and return a new string.

Exercise 5: 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.

Exercise 6: Display numbers divisible by 5 from a list

- Iterate the given list of numbers and print only those numbers which are divisible by 5

Exercise 7: Return the count of a given substring from a string

- Write a program to find how many times substring "Emma" appears in the given string.

Exercise 8: Print the following pattern

```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
```

Exercise 9: Check Palindrome Number

- Write a program to check if the given number is a palindrome number.
 - A palindrome number is a number that is same after reverse.
 - For example, 545 is the palindrome numbers

Exercise 10: Create a new list from a two list using the following condition

- Create a new list from a two list using the following condition
 - Given a two list of numbers, write a program to create a new list such that the new list should contain odd numbers from the first list and even numbers from the second list.