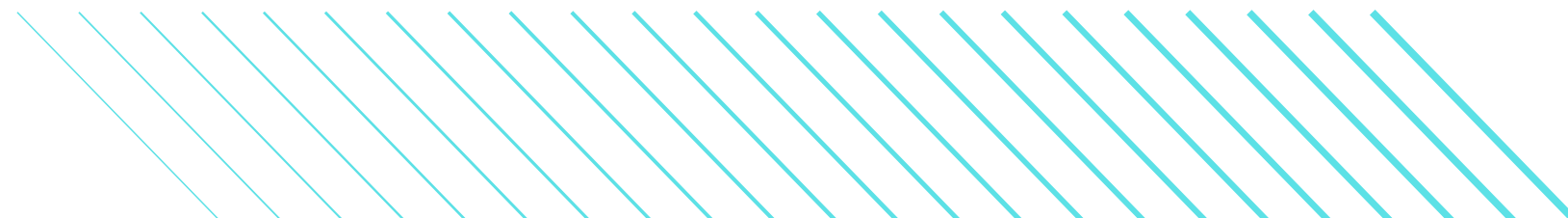
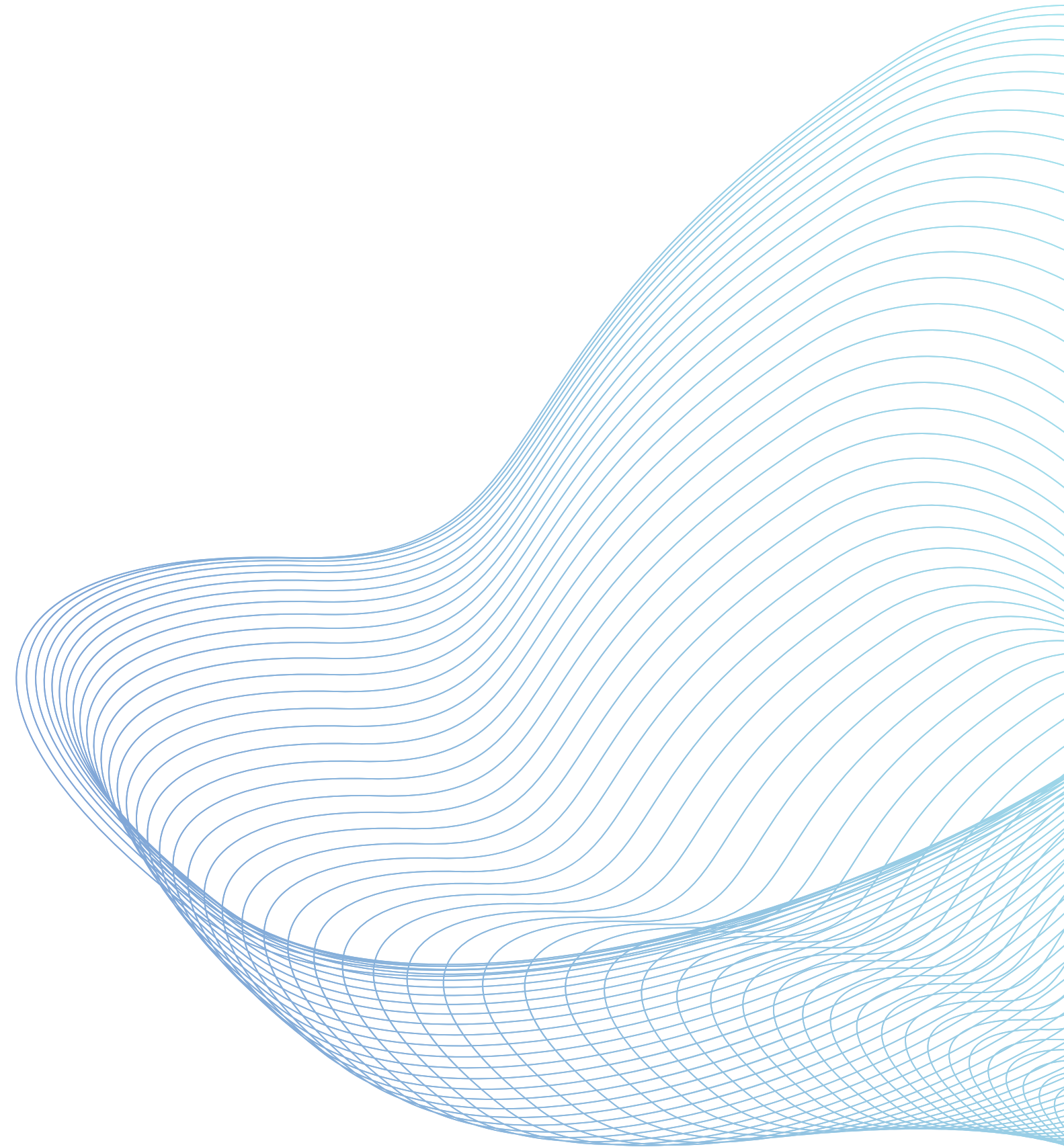




Task to do

Welcome to the Programming Tasks!

This set of exercises is designed to help you practice and enhance your programming skills. Whether you are a beginner or an experienced developer, these tasks cover a range of difficulty levels to challenge and reinforce your coding abilities.



Task 1 Solving Questions:

Easy Questions

1. Digit Sum and Product (Modified Easy Question):

- **Heading:** "Digit Sum and Product Calculator"
- **Description:** Write a program that takes a positive integer as input and calculates both the sum and product of its digits.

2. Palindrome Checker (Modified Easy Question):

- **Heading:** "Palindrome Checker"
- **Description:** Develop a program that checks whether a given string is a palindrome. The program should handle spaces, punctuation, and mixed case.

Moderate Questions

1. Reverse a String:

- Implement a function to reverse a string. For example, if the input is "hello," the output should be "olleh."

2. Prime Number Checker:

- Write a program to check if a given number is a prime number.

Difficult Question

Linked List Cycle Detection:

- Implement a function to detect if a linked list has a cycle. You can use any language, and you may choose to represent the linked list in the language of your choice.

Task 2: Refer Students to Our LinkedIn Group

Goal: Refer five students to join our LinkedIn group through WhatsApp.

Steps:

1. WhatsApp Messages:

- Send WhatsApp messages to friends.
- Share the LinkedIn group link and benefits.

2. Tracking:

- Keep a list of students you referred.

3. Engagement:

- Encourage introductions and share interesting posts.

Instructions:

- Send friendly messages.
- Keep track of names and contacts.
- Follow up to ensure joining.

Thanks for Participating!

Whether you referred students or not, your effort is appreciated. Small steps count! Keep an eye out for more opportunities. Your presence is important. Thanks again!