LAB TASK:

GITHUB:

QUESTION#1:

Create a Branch

 Create a branch with the name your-roll-number (replace your-roll-number with

your actual roll number).

Create a File

 Create a file named Introduction.md.

 In this file, include an item list providing an introduction to Programming Fundamentals

(PF).

Create a Pull Request

 Create a pull request to merge the new branch into the main branch.

 Merge the pull request.

Screenshots Needed:

 Screenshot of branch creation.

 Screenshot of the Introduction.md file with the content.

 Screenshot of the pull request and merge process.

PROGRAMS:

QUESTION#1:

Explain the output of this C program. Why the wrong value is being displayed in the output?

QUESTION#2:

Write a C program that takes two integer values as input, calculates their sum and product, and then

displays the results.

QUESTION#3:

An individual asks the IT firm to create a C program that takes the length and width of a rectangle as

input from the user. The program should calculate both the area and the perimeter of the rectangle and

display these values to the user.

QUESTION#4:

Write a C program that takes two integers as input from the user, subtracts the second integer from the

first, and displays the result.

QUESTION#5:

Write a C program that takes three integers as input from the user and finds the largest among them.

QUESTION# 6:

Construct a C program with the flowchart below. The input value of the principle must be between

100 Rs. To 1,000,000 Rs. The Rate of interest must be between 5% to 10% and Time Period must be

between1 to 10 years. Hint: these restrictions can be displayed in the form of message on the

window.

Question# 7:-

Construct a C program where you calculate the slope of two point (5,4), (3,2). Use format

specifiers tocap the result to 3 decimal places.