# Section 1

# Automata Practical Exam

# Student Info:

Student ID : 20912021100462

Project Name : Automata Practical Exam

## ✅ Tasks Being Solved

1. Write a program that construct a DFA that accepts binary strings where the number

of 1s is divisible by 3.

2. Write a program that simulates a PDA to check if a string is accepted by a given

context-free language (e.g., balanced parentheses, a^n b^n).

test Q1 : A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

test Q2 : A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.