



**Bu-Ali Sina**

Faculty of Engineering

Department of Computer Engineering

# Design and Analysis of Algorithms

## Programming Report

**Student Name 1:** Matin Amirpanahfar

**Student ID 1:** 40212358003

**Student Name 2:** Nima Makhmali

**Student ID 2:** 40212358003

**Instructor:** Dr.

**Report Number:** [e.g., Lab 1]

July 17, 2025

# Contents

<b>1</b>	<b>Problem description</b>	<b>2</b>
<b>2</b>	<b>Problem analysis</b>	<b>3</b>
<b>3</b>	<b>Program design</b>	<b>4</b>
<b>4</b>	<b>Evaluation of the program</b>	<b>5</b>
<b>5</b>	<b>Process description</b>	<b>6</b>
<b>6</b>	<b>Conclusions</b>	<b>7</b>
<b>7</b>	<b>Appendix: program text</b>	<b>8</b>

# Chapter 1

## Problem description

...

## Chapter 2

### Problem analysis

...

# Chapter 3

## Program design

...

## Chapter 4

# Evaluation of the program

...

## Chapter 5

### Process description

...

# Chapter 6

## Conclusions

...



## Chapter 7

## Appendix: program text