

**Gebze Technical University
Computer Engineering**

CSE 222 - 2018 Spring

HOMEWORK 5 REPORT

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1 INTRODUCTION

1.1 Problem Definition

We construct max priority queues for color pixels. We want to enter those pixels one by one into priority queues, and then extract them according to different priority schemes (or ordering relations).

1.2 Requirements

This program was coded and can running on IntelliJIDEA(it can runs another platforms probably). Used latest version of JDK 11.0.2. .

Operating System (i.e. Windows 10, Linux or Mac OS X 10.3.8)

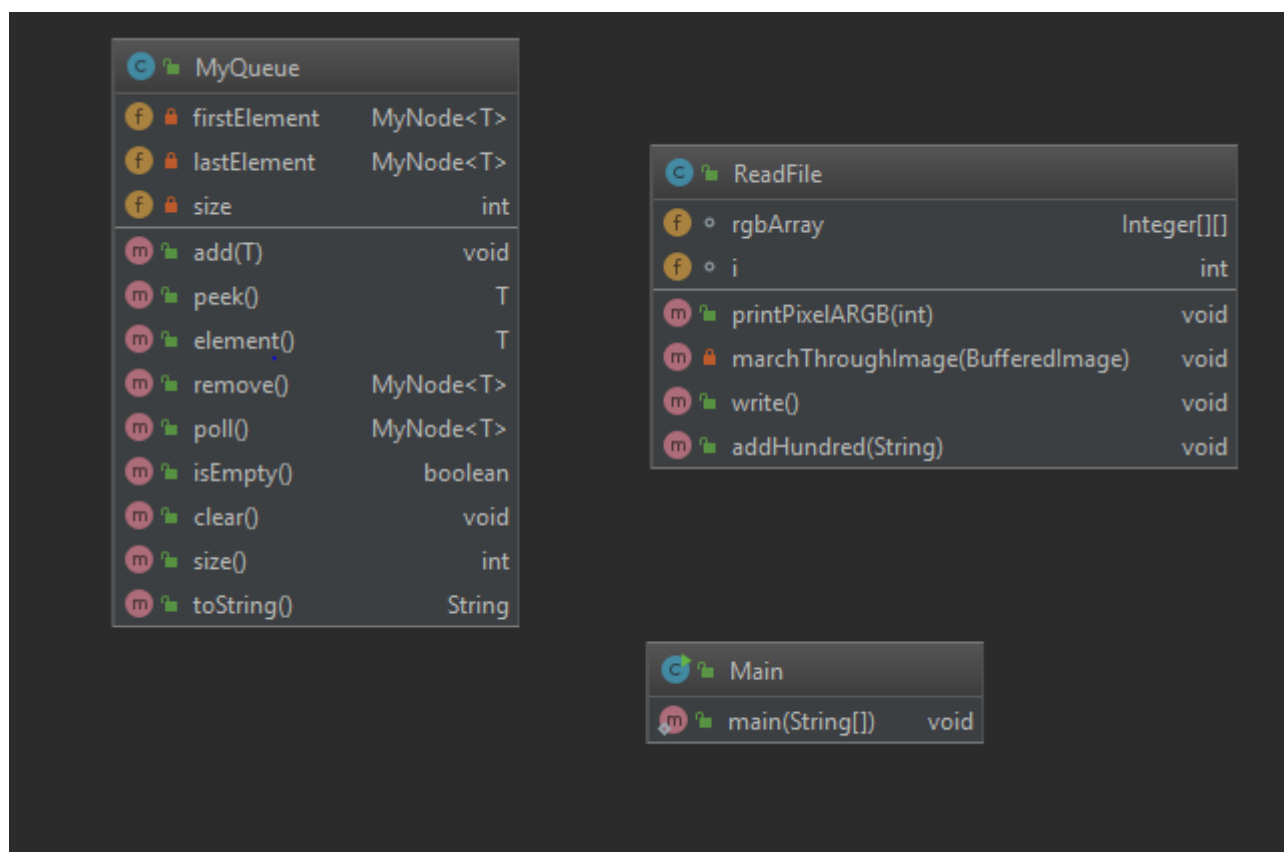
Processor Speed (i.e. Pentium 4, 3.2 GHz or Power PC G5, 2.0 GHz)

Memory, a.k.a. RAM (i.e. 512 MB)

Hard Disk Space (i.e. 80 GB available)

2 METHOD

2.1 Class Diagrams



2.2 Use Case Diagrams

2.3 Problem Solution Approach

3 RESULT

3.1 Test Cases

3.2 Running Results