CSE 222 HOMEWORK #4

Emre

BAYRAM

141044019

TABLE OF CONTENTS

1. Requirements

1.1. Overall Description

It converts assembly code from infix expression in the given Text document. When converting before it converts postfixform.

1.2. Requirement Definitions

1.2.1. A Text Documents.

1.2.2. Write file permission.

1.2.3. Applying error handling.

1.2.4. Use only ArrayList data structure.

2. Analysis and Solutions Approach

Firstly Analys the infix formed text file reads it and converts each line to postfix form. Then sends converter class that converts each expression to assembly code from postfix expression form . When converting to postfix form uses stack data structure. And When converting assemble code operation converting uses Stack structure. Like this approach , I try to solve the problem.
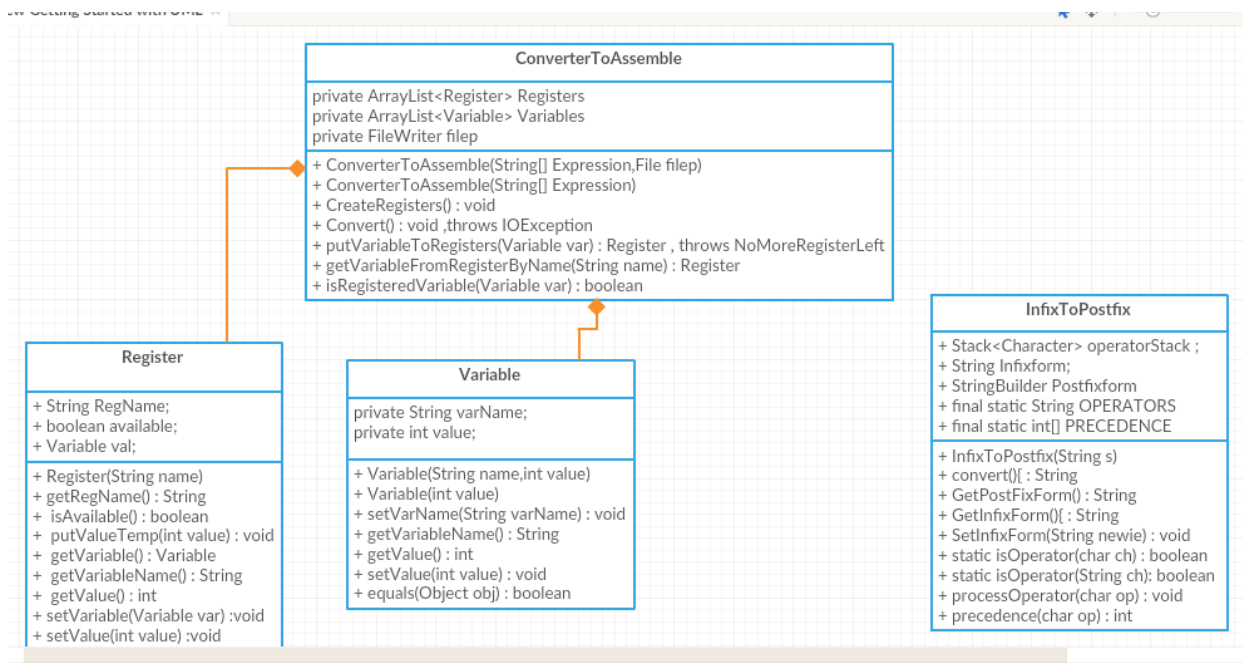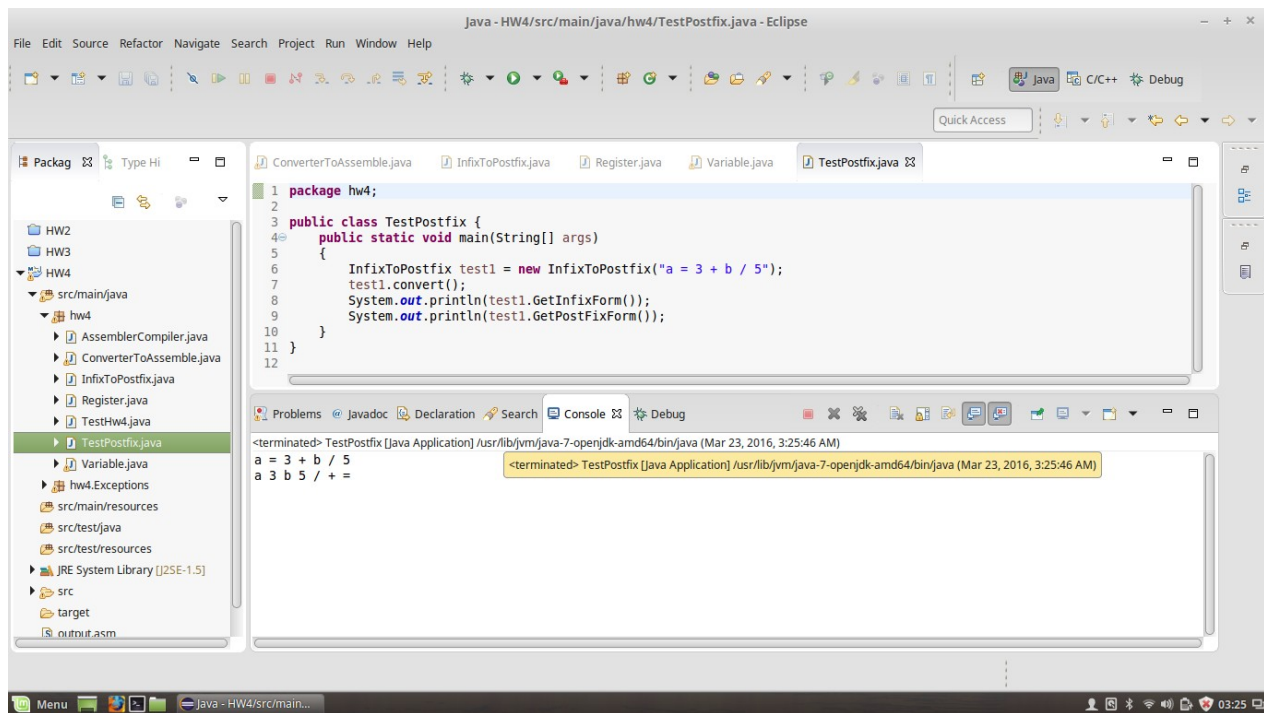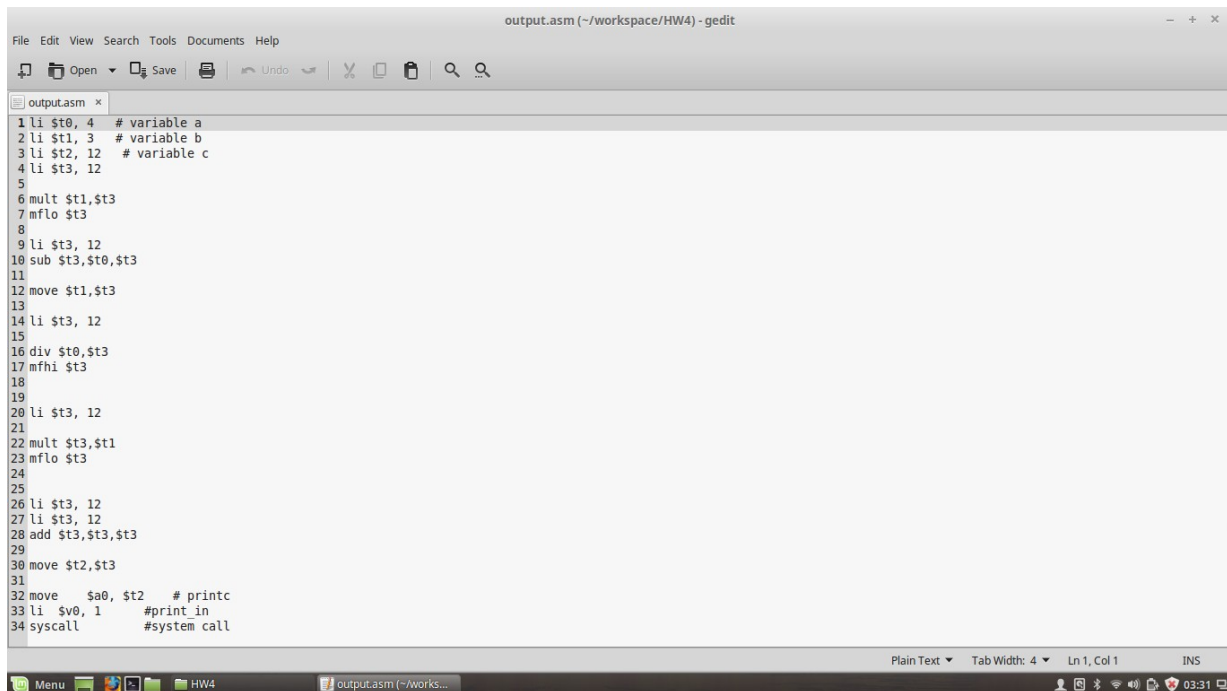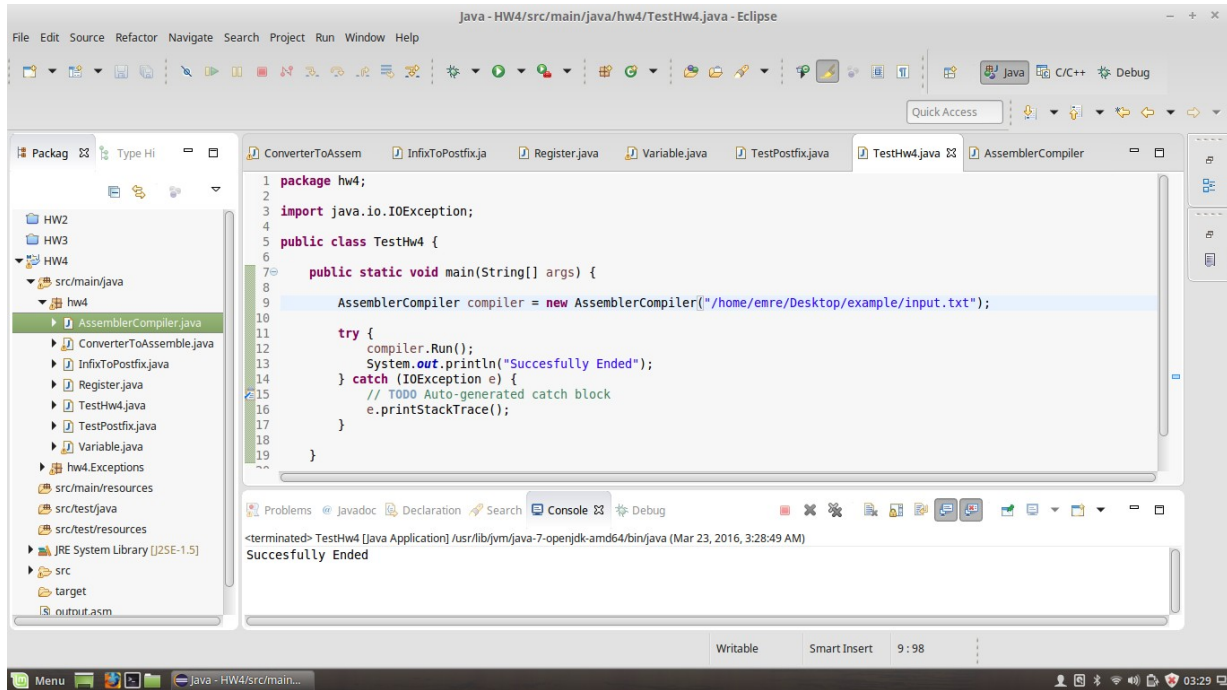
3. Class Diagrams

Figure 1 Class Diagram

5. Tests

6.Scenerio

Registered Variable yükleme sıkıntı var henüz çözüm getirilemedi.

7.Sonuç

Assemble koda çevirirken baya zorlandım var olan bi değişkeni register dan tekrar almayı başaramadım. Geliştirdiğim algoritma aslında güzeldi fakat assignment operatörünü implement etmem zor oldu.