

Gebze Technical University  
Computer Engineering

CSE 222  
2017 Spring

HOMEWORK 4 REPORT

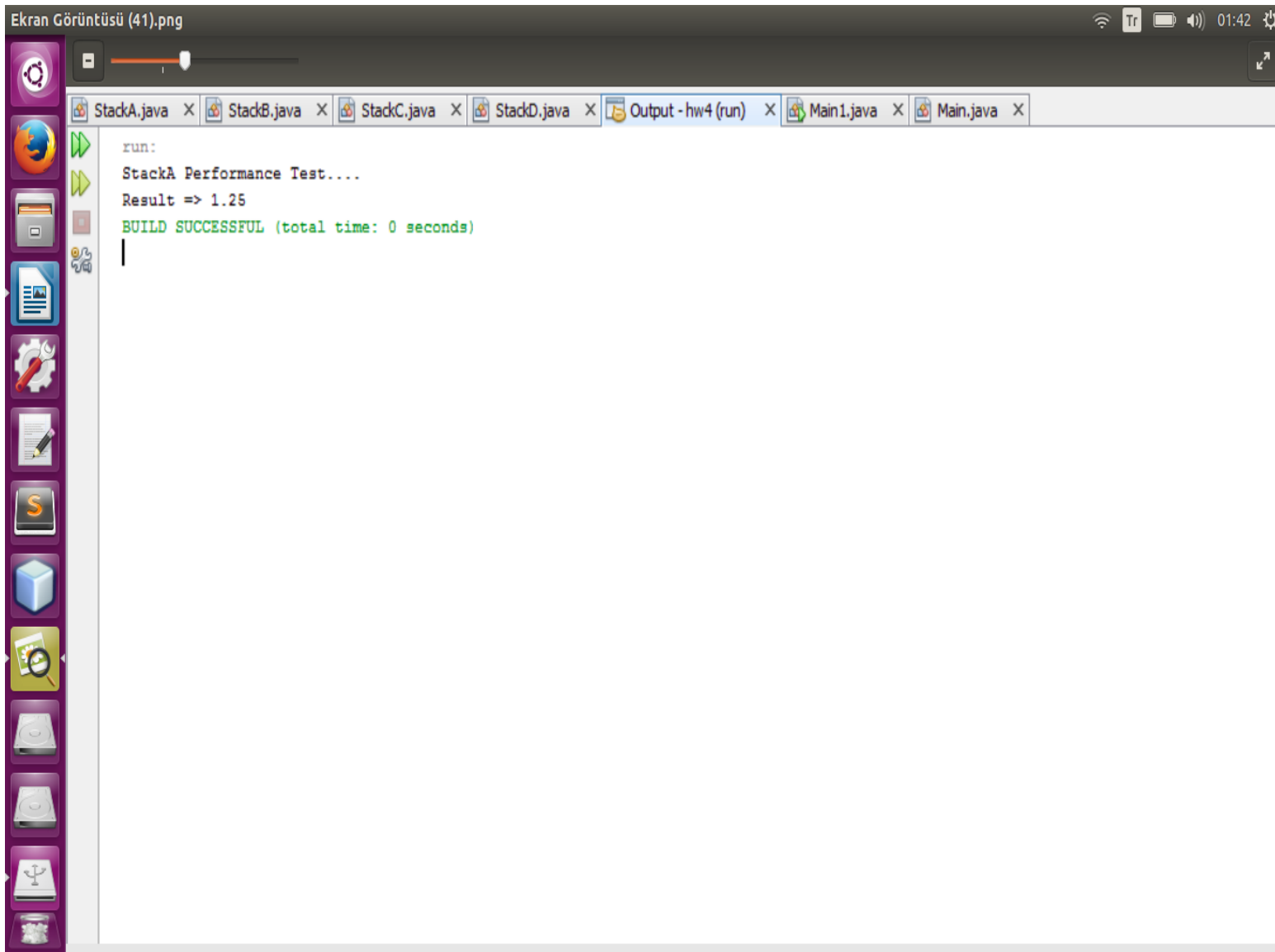
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Course Assistant:

## Q1-) => ANALYSIS RESULTS :

“StackA”,   ”StackB”,   ”StackC”,   ”StackD”

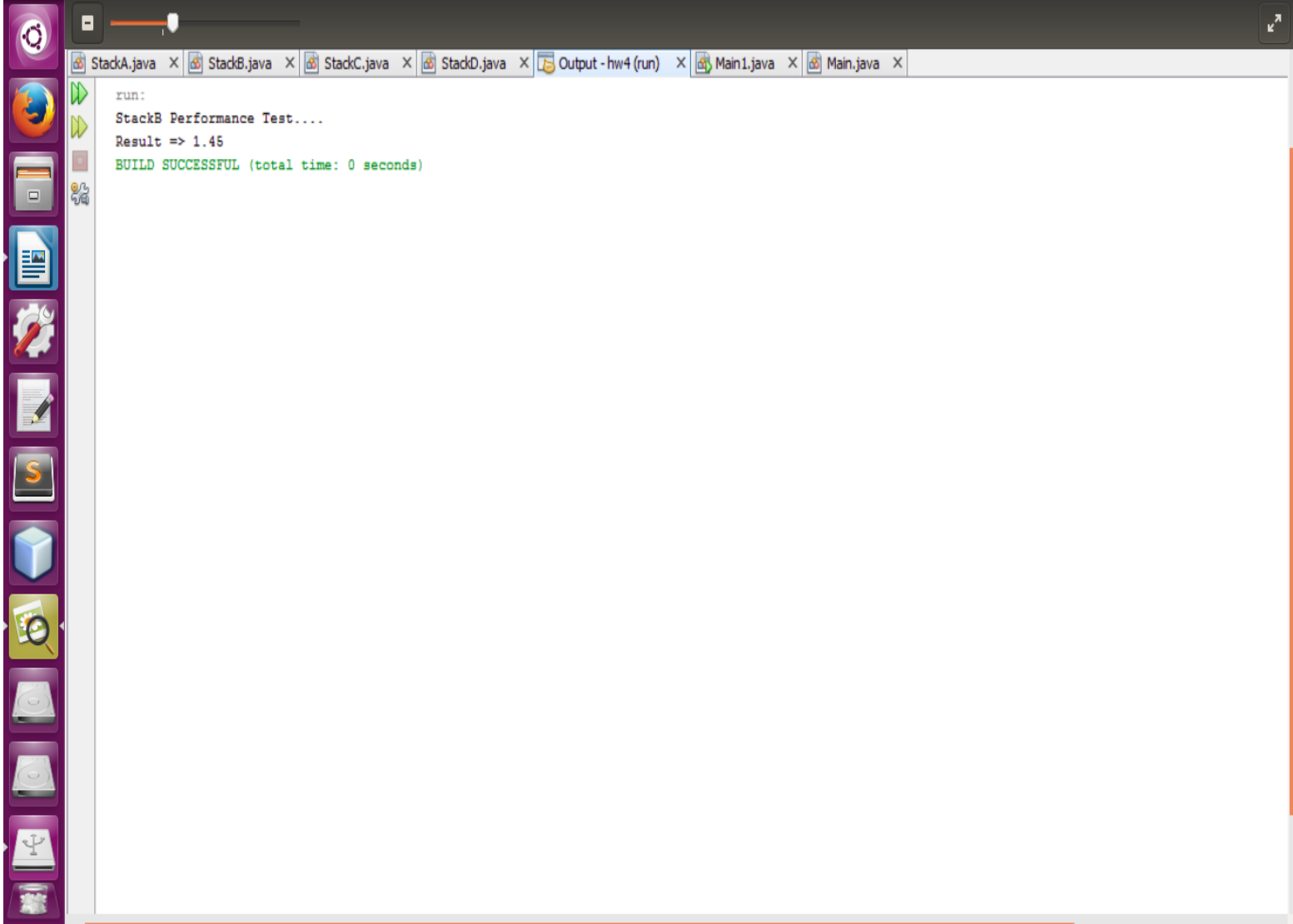
AS A TIME :

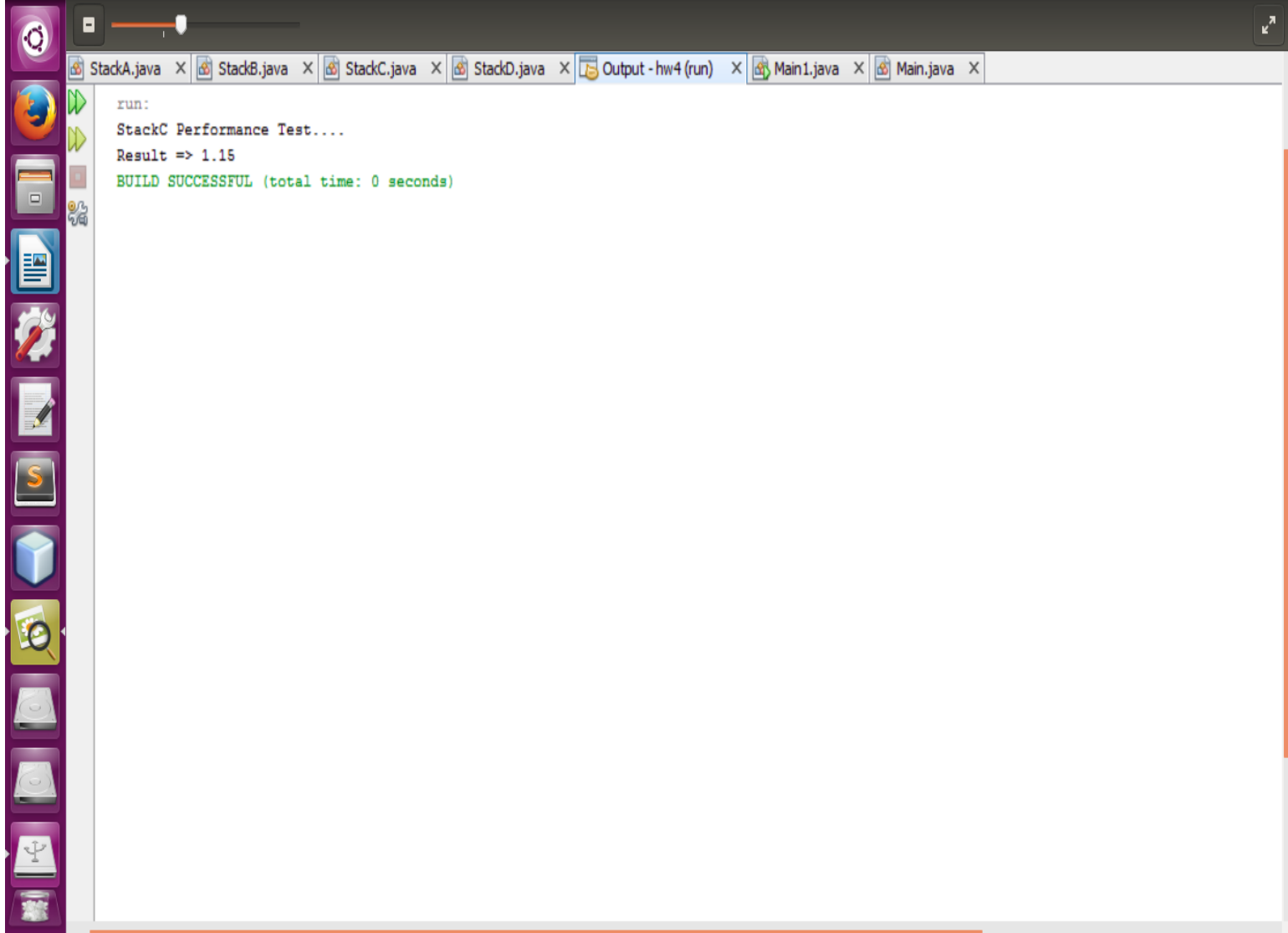


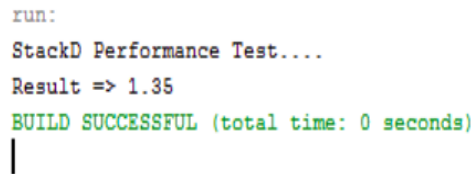
The screenshot shows an IDE window titled "Ekran Görüntüsü (41).png". The top bar includes a volume slider and system icons for Wi-Fi, a battery level indicator, and the time 01:42. The IDE's tab bar shows several open files: StackA.java, StackB.java, StackC.java, StackD.java, Output - hw4 (run), Main1.java, and Main.java. The "Output - hw4 (run)" tab is active, displaying the following text:

```
run:
StackA Performance Test....
Result => 1.25
BUILD SUCCESSFUL (total time: 0 seconds)
|
```

The left sidebar contains a vertical stack of icons for various IDE features, including a settings gear, a web browser, a file explorer, a code editor, a search icon, a terminal, and a run/debug icon.







**StackB > StackD > StackA > StackC**

## 1. System Requirements

### PART1 :

~test.csv

~StackA,StackB,StackC,StackD classları

~Stack interface

~test file ın da her bir satırın 1. elemanına göre işlem yapılır integersa int Stacki oluşturulur ve dosya okunarak testresult\_1 e yazılır.

### PART2 :

~test.csv

~myQueue classı,KwlinkedList Classı

~test file daki her bir satır queue ya okunur ve okunan her bir queue da bir queue arrayinde tutularak önce array reverse edilir sonra arraydeki her bir queue verisi reverse edilerek testresult\_2 ye yazılır.

## Test Cases

### PART1~

1-) Boş dosya yollanması.

2-)Stacklere push ve pop yaparak denenmesi.

3-)Verilen dosyadaki her bir satırın 1. elemanına göre Stack olusturup ona okunması ve tesrresult\_1 e yazılması.

### PART2~

1-)Boş queue için reverse yapmaya çalışmak.

2-)Queue ye eleman ekleyerek reverse etme.

3-)Queue ye eleman ekleyerek recusive olarak reverse eden fonksiyonu çağırarak.

4-)Verilen file daki verideki her satırı queue ya okuyarak okunan queue ya da bir queue arrayini atıp hem arrayi hemde arraydeki elemanları reverse etme.

## 7. Running and Results

PART\_1

~ Stack Tests ~

-----TEST STACKA-----

bedo

sedo

kedo

----POP-----

bedo

sedo

----PUSH-----

bedo

sedo

ARABA

VAPUR

----POP-----

bedo

sedo

ARABA

-----TEST STACKB-----



-----TEST STACKB-----

bedo

sedo

kedo

----POP-----

bedo

sedo

----PUSH-----

bedo

sedo

ELMA

ARMUT

----POP-----

bedo

sedo

ELMA

-----TEST STACKC-----

\*\*\*\*\*

-----TEST STACKC-----

bedo

sedo

kedo

----POP-----

bedo

sedo

----PUSH-----

bedo

sedo

SILGI

KALEM

----POP-----

bedo

sedo

SILGI

TEST STACKC

-----TEST STACKD-----

bedo

sedo

kedo

----POP-----

bedo

sedo

----PUSH-----

bedo

sedo

BESIKTAS

FENER

----POP-----

bedo

sedo

BESIKTAS

BUILD SUCCESSFUL (total time: 0 seconds)

---

## TESTRESULT\_1~

[illegible]

## PART\_2~

### REVERSE() AND REVERSEQUEUE()(RECURSIVE)~

```
run:
-----myQueue Test1-----
ali
ayse
fatma
ardaa
babaaa
-----reverse()-----
babaaa
ardaa
fatma
ayse
ali
-----
-----myQueue Test2-----
C++
JAVA
PYTHON
C#
HTML
-----reverseQueue() (recursive)-----
HTML
C#
PYTHON
JAVA
C++
BUILD SUCCESSFUL (total time: 0 seconds)
```

## TESTRESULT\_2~

A3		X		✓		fx		4.0,6.7,4.5,2.3,1.2						
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	defter,kalem,kitap													
2	f,d,t,j,h,g,a													
3	4.0,6.7,4.5,2.3,1.2													
4	7,6,5,4,3,2,1													
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
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16														
17														
18														
19														
20														
21														

testResult\_2

+

Hazır