

## SEG3103 Assignment 2

Student Name: Xia (Cynthia) Sheng

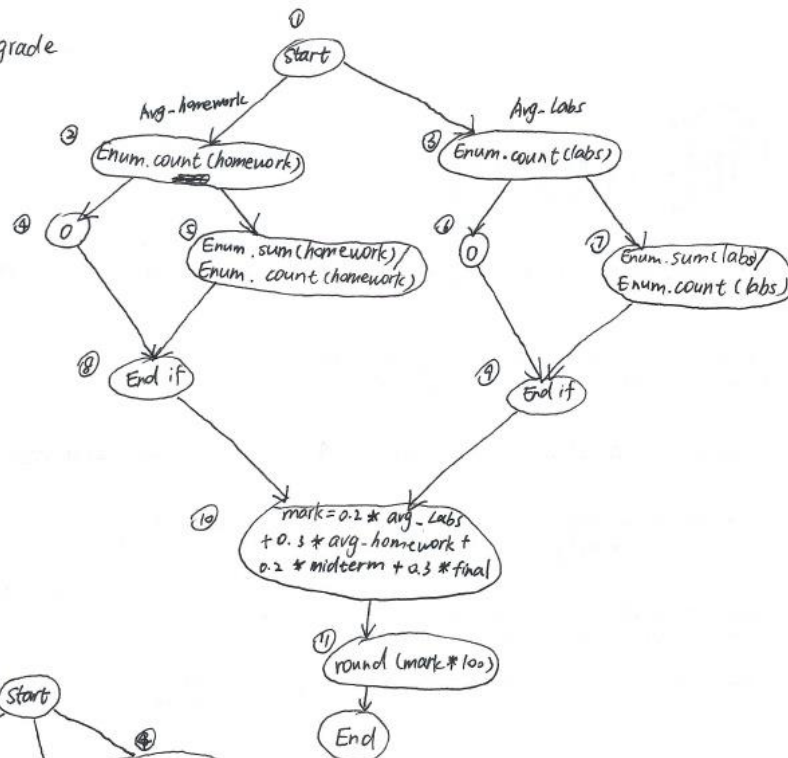
Student ID: 300091655

Student Name: Xinyu Ji

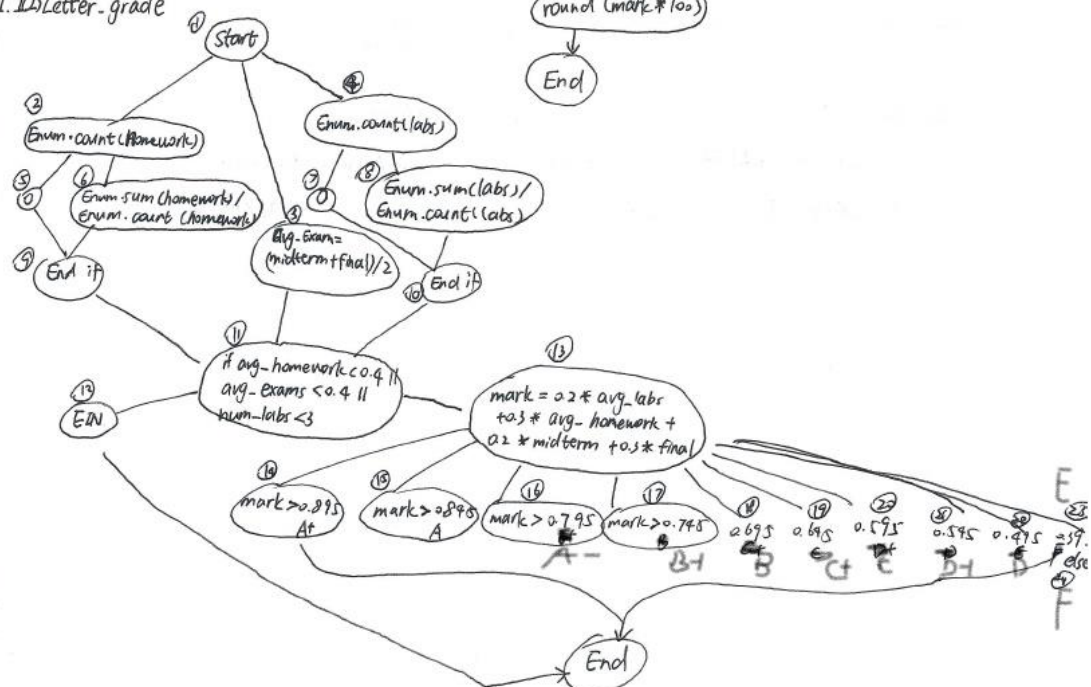
Student ID: 300061354

### Assignment 2

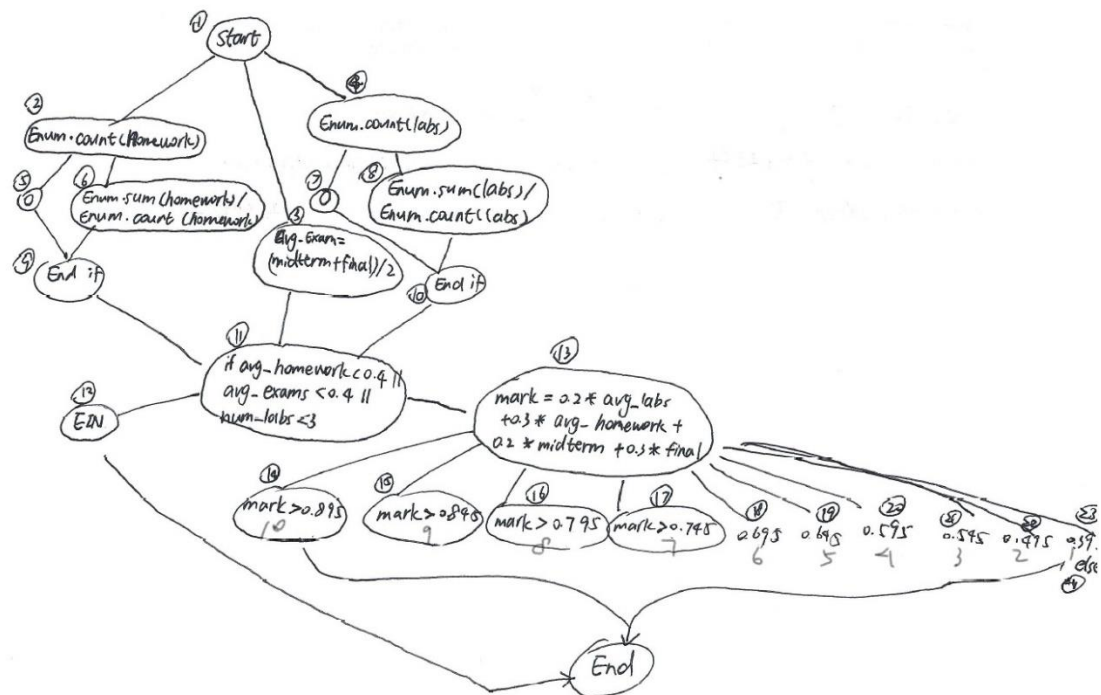
#### 1.1 percentage grade



#### 1.1.2 Letter-grade



Numeric grade



Letter grade

Test Number	Case	Test Data	Expected results	Conditions Covered	Branches Covered
1		homework=0 labs=0	EIN	Homework and labs are 0	2,5,9,11,12 4,7,10,11,12
2		homework=0.4 labs=0.4	F	2,4,11,13,24	2,6,9,11,13,24 4,8,10,11,13,24
3		homework=0.45 labs=0.45	E	2,4,11,13,	2,6,9,11,13,23 4,8,10,11,13,23
4		homework=0.5 labs=0.5	D	2,4,11,13,	2,6,9,11,13,22 4,8,10,11,13,22
5		homework=0.55 labs=0.55	D+	2,4,11,13,	2,6,9,11,13,21 4,8,10,11,13,21
6		homework=0.6 labs=0.6	C	2,4,11,13,	2,6,9,11,13,20 4,8,10,11,13,20
7		homework=0.65 labs=0.65	C+	2,4,11,13,	2,6,9,11,13,19 4,8,10,11,13,19
8		homework=0.7 labs=0.7	B	2,4,11,13,	2,6,9,11,13,18 4,8,10,11,13,18
9		homework=0.75 labs=0.75	B+	2,4,11,13,	2,6,9,11,13,17 4,8,10,11,13,17
10		homework=0.8 labs=0.8	A-	2,4,11,13,	2,6,9,11,13,16 4,8,10,11,13,16

11	homework=0.85 labs=0.85	A	2,4,11,13,	2,6,9,11,13,15 4,8,10,11,13,15
12	homework=1 labs=1	A+	2,4,11,13,	2,6,9,11,13,14 4,8,10,11,13,14

#### Numeric grade

Test Case Number	Test Data	Expected results	Conditions Covered	Branches Covered
1	homework=0 labs=0	EIN	Homework and labs are 0	2,5,9,11,12 4,7,10,11,12
2	homework=0.4 labs=0.4	0	2,4,11,13,24	2,6,9,11,13,24 4,8,10,11,13,24
3	homework=0.45 labs=0.45	1	2,4,11,13,	2,6,9,11,13,23 4,8,10,11,13,23
4	homework=0.5 labs=0.5	2	2,4,11,13,	2,6,9,11,13,22 4,8,10,11,13,22
5	homework=0.55 labs=0.55	3	2,4,11,13,	2,6,9,11,13,21 4,8,10,11,13,21
6	homework=0.6 labs=0.6	4	2,4,11,13,	2,6,9,11,13,20 4,8,10,11,13,20
7	homework=0.65 labs=0.65	5	2,4,11,13,	2,6,9,11,13,19 4,8,10,11,13,19
8	homework=0.7 labs=0.7	6	2,4,11,13,	2,6,9,11,13,18 4,8,10,11,13,18
9	homework=0.75 labs=0.75	7	2,4,11,13,	2,6,9,11,13,17 4,8,10,11,13,17
10	homework=0.8 labs=0.8	8	2,4,11,13,	2,6,9,11,13,16 4,8,10,11,13,16
11	homework=0.85 labs=0.85	9	2,4,11,13,	2,6,9,11,13,15 4,8,10,11,13,15
12	homework=1 labs=1	10	2,4,11,13,	2,6,9,11,13,14 4,8,10,11,13,14

```
C:\Users\xiash\seg3103\seg3103_playground\Assignment2\grades>mix test --cover
Cover compiling modules ...
.....

Finished in 1.2 seconds (0.6s async, 0.6s sync)
26 tests, 0 failures

Randomized with seed 303000

Generating cover results ...

Percentage | Module
-----|-----
0.00% | GradesWeb
0.00% | GradesWeb.ChannelCase
0.00% | GradesWeb.ErrorHelpers
9.09% | GradesWeb.PageLive
50.00% | GradesWeb.LayoutView
50.00% | GradesWeb.UserSocket
66.67% | GradesWeb.ErrorView
75.00% | Grades.Application
75.00% | GradesWeb.Router
75.00% | GradesWeb.Telemetry
95.74% | Grades.Calculator
100.00% | Grades
100.00% | GradesWeb.ConnCase
100.00% | GradesWeb.Endpoint
100.00% | GradesWeb.Router.Helpers
-----|-----
72.22% | Total

Generated HTML coverage results in "cover" directory

C:\Users\xiash\seg3103\seg3103_playground\Assignment2\grades>_
```