反思陈述：

整体而言，考试考的惨不忍睹。 它从各个方面反映出来我的复习准备工作的不足，尤其是JAVA-OOP以及SORTING和各种ALGORITHM

首先，选择题的2，3，7，8题我错了。

(2)

D: Method in III is able to traverse a matrix but it cannot change it

I chose A: I and II only changes the order of visiting, hence they are both correct

(3)

Old question, I made the same mistake like the last major

Binary search requires a sorted array

(7)

Algorithm2 will eventually slow down because it selects an empty element

I chose C: it is slown that every element in cards could lnad in shot in shuffled, not true for Algorithm 1

(8)

The problem here is an index out of bounds exception

11 (b)

Centro(L1,0)

Alora(L1,3) Torrox(L1,1)

Col(L2,1)

I was confused wit the Line number

Here, number of zone is the real index

(e)

Loop N from 0 to 10

Station1 = Statioon[N]

AZ = TREE.getZone[Station1]

Al = TREE.getLine[Station1]

Loop M from N+1 to l1

Station2 = Station[M]

BZ = TREE.getZone[Station2]

BL = TREE.getLine[Station2]

If AL = BL or Station1 = “Centro” or Station 2 = “Centro”

Then

X = AZ – BZ

If x<0 then

X = -x

Endif

x = x+1

else

x = AZ +BZ+1

endif

Fares[N][M] = x

Fares[M][N] = x

Endloop

Fares[N][N] = 0

Endloop

Fares[11][11] = 0

12 a)

Re – use objects/modules across sub-guops

Which will speed up development

No need for re-program

(I did not review these concepts and basis of the whole OOP, the firs chapters)

b)

Acknowledgement of code sources

Impoeranr to avoid any potential legal issues

(e)

Static means that the varia ble is declared once only

Static variable is a class variable not re-declared in each object

Not every time a loan object is created

(Also the problem of lack of reviewing of the firstchapters)

13

1. II) The Spooks

(I did not notice the mthod getLoan(1))

d)

we may add a Boolean variable to represent the borrowing rights;

Initially set this variable to be true

14

d)

We may add a static count variable

To the shortermt class and to the Longterm class