Exercise 6

Task1

(a)

```
Enter the matric no. :s1111

Enter the test 1:98

Enter the test 2:89

Enter the matric no. :s1112

Enter the test 1:90

Enter the test 2:96

Enter the matric no. :s1113

Enter the test 1:88

Enter the test 2:87

*******STUDENT INFORMATION*********
MATRIC NO.          AVERAGE MARK
s1111                  93.50
s1112                  93.00
s1113                  87.50
BUILD SUCCESSFUL (total time: 41 seconds)
```
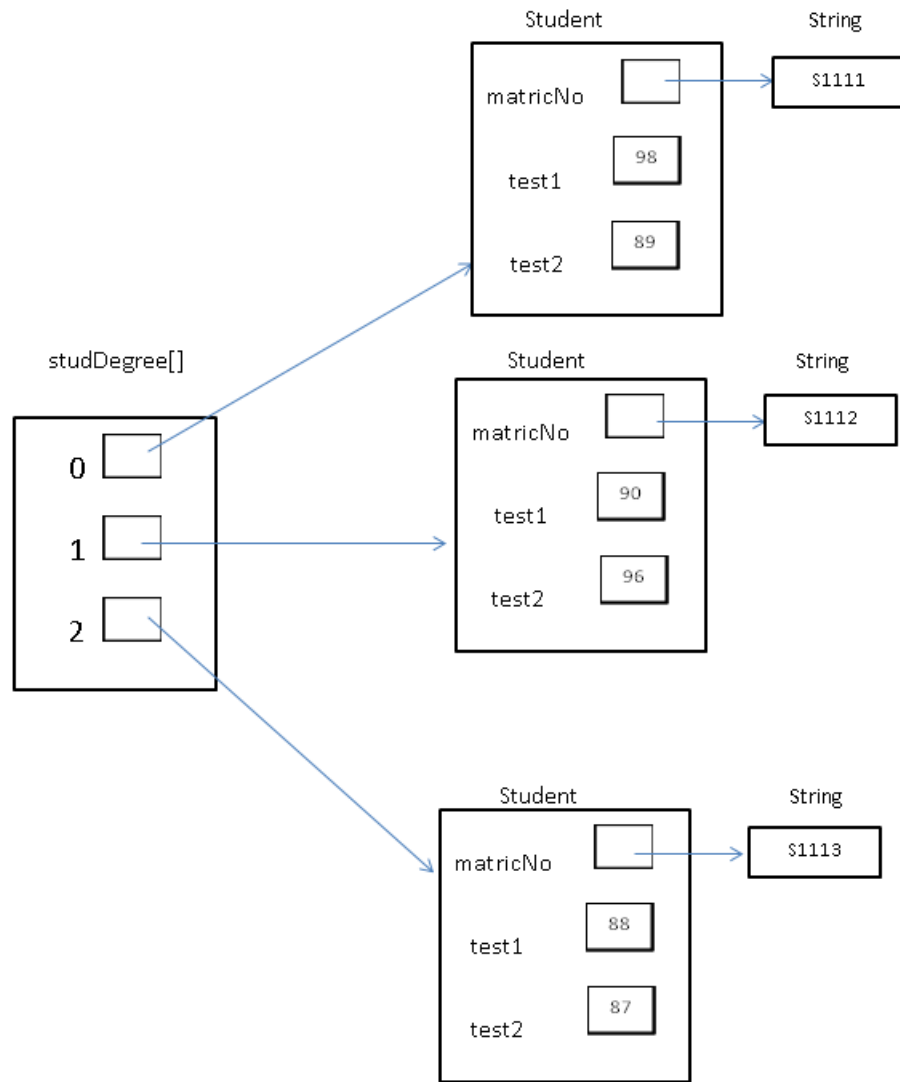
(c)

Student
- String matricNo - double test1 - double test2 -double averageMark
+student(String matricNo,double ts1,double ts2) +String getStudentInfo() + void calculateAverage()

(d)

Student

matricNo → S1111

test1 98

test2 89

String
S1111

studDegree[]

0

1

2

Student

matricNo → S1112

test1 90

test2 96

String
S1112

Student

matricNo → S1113

test1 88

test2 87

String
S1113

Task2

```
run:
Enter the call duration (in minutes):
40
Enter Rate Category:  1.Daytime  2.Evening  3.Off-Peak
2
The amount you have to pay is = RM 4.80
Do you want to continue? 1.Yes  2.No
1

Enter the call duration (in minutes):
60
Enter Rate Category:  1.Daytime  2.Evening  3.Off-Peak
1
The amount you have to pay is = RM 4.20
Do you want to continue? 1.Yes  2.No
1

Enter the call duration (in minutes):
40
Enter Rate Category:  1.Daytime  2.Evening  3.Off-Peak
3
The amount you have to pay is = RM 2.00
Do you want to continue? 1.Yes  2.No
2

Thank you! See you again.
BUILD SUCCESSFUL (total time: 58 seconds)
```

Task3

```
run:
Enter number 1:8

Enter number 2:5

Enter number 3:10

Enter number 4:2
Total Average of method 1:7
Total Average of method 2:6
BUILD SUCCESSFUL (total time: 17 seconds)
```

Task4

```
run:
How many numbers of book you want to enter?:2

Title of books1 :WildAnimals

Price of the books1:RM24.0

Title of books2 :javaString

Price of the books2:RM20.0

WildAnimals has most expensive price is RM24.0

Which book have contains java keyword:
javaString
BUILD SUCCESSFUL (total time: 26 seconds)
```