

Android_LAB_1

Full name	Android_Lab1_hoang.pt_v1.0.doc
Class	Android
Date	20-10-2013

Who	Name	Role	Date	Signature
CREATOR	Phan Tích Hoàng	Lecturer	02 May 2011	
REVIEWER				
APPROVER				

Monster 1 (10/2/50): Tower

Problem: Build a mini game

```
Welcome to Mini game:
1. Do math  $ax^2+bx+c=0$ 
2. Build a magic carpet
3. Exit
What do you want (1,2,3):
1
Enter a:
Enter b:
Enter c:
This problem has  $x_1=$  ,  $x_2=$ 

(Return menu)
2
Enter width:
Enter heigh:
Start building

*****
*****
*****
*****
*****
```

Monster 2 (15/5/80): Mark management

Problem:

Bkacad want to manage student mark for each subject: Java Basic, Java Advance, C#, Advance C#, RDBMS, SQL 2008. We want to calculate mark and display the list sortedly by the average mark. Now can you develop 1 console application in Java to do this.

```
Welcome to bkacad mark manager.
-----
1- Record Students information
2- Display sorted list.
3- Exit
Select your choice <1,2,3>: 1
Student 1:
--- name: hoangpt
--- id: 1
--- class: c050511
--- basic java: 7
--- advance java: 9
--- c#: 6
--- advance c#: 8
--- rdbms: 9
--- sql 2008: 7
- > hoangpt (id=1) has average mark of 7.23, rank 'fair'.
...
...

Welcome to bkacad mark manager.
-----
1- Record 3 Students information
2- Display sorted list.
3- Exit
Select your choice <1,2,3>: 2
Name          id      class      average      rank
-----
trungnt       2      c050310     9.28         exelent
ngavv         3      c090809     8.23         good
hoangpt       1      c050511     7.23         fair

Select your choice <1,2,3>: 3
Bye bye, see you later.
```

Monster 3 (20/7/100): Eshop

Problem:

Create an menu for customer buy an product. After that calculate invoice.

```
Welcome to media mart eshop
-----
1- Buy products.
2- Checkout
3- Exit
Select your choice <1,2,3>: 1
Our product:
1- Plasma TV 32 inches          1000$
2- Macbook Pro 18              1500$
3- Mitsumi mouse               5$
4- Elead PC                    500$
5- Bkav antivirus              30$
-> Do you want to buy? <1,2,3,4,5> 1
You buy 'Plasma TV 32 inches', how many item: 3
Do you want to buy more<y/n> y
-> Do you want to buy? <1,2,3,4,5> 5
You buy 'Bkav antivirus', how many item: 2
Do you want to buy more<y/n> n

Welcome to media mart eshop
-----
1- Buy products.
2- Checkout
3- Exit
Select your choice <1,2,3>: 2
Here are your invoice
Name                               id    unit price    quantity    total
-----
Plasma TV 32 inches                1      1000         3          3000
Bkav antivirus                     5       30          2           60
-----
Net                                3060
VAT (10%)                          306
Total                              3366
In the process of checking out .... Wait. Done.

Select your choice <1,2,3>: 3
Bye bye, see you later.
```

Note:

- Each tutor has solution in text for basic task
- Each tutor has solution in video for both basic and extra task.
- If have any question, don't hesitate to email me: hoangphantich@gmail.com