Output for Exercise1


```java
5    //initializing the variables for Course1
6        String Title1 = "Chemistry 101";
7        String studentList[]={"Gustavo Fring",
8                              "Saul Goodman",
9                              "Tim Duncan",
10                             "Walter White",
11                             "Jesse Pinkman"};
12       //declaring a new course object with the variables above
13       //BubbleSort() is declared as the sort strategy in the constructor
```

```
root@DESKTOP-0FA5VF7:~/COSC330/Lab03/Exercise1#  /usr/bin/env /usr/lib/jvm/java-11-openjdk-amd64/bin/java -cp /root/.vscode-server/data/User/workspaceStorage/ce182f8538d7b15eb13
70776abd4432a/redhat.java/jdt_ws/Exercise1_c6d41c21/bin main
Using Bubble Sort
Course Title: Chemistry 101
Student List:
Gustavo Fring
Jesse Pinkman
Saul Goodman
Tim Duncan
Walter White

Using Selection Sort
Course Title: Medival History
Student List:
Jon Snow
Daenerys Targaryen
Ned Stark
Steve Nash
Theon Greyjoy

Using Insertion Sort
Course Title: Sports and Exercise
Student List:
Carson Wentz
Lamar Jackson
Michael Jordan
Tom Brady
Wayne Gretsky
root@DESKTOP-0FA5VF7:~/COSC330/Lab03/Exercise1#
```

Output for Exercise 2


```java
2
3
     Run | Debug
4    public static void main(String[] args){
5        //declaring a new ticket with an Australian AgeStrategy and an Adult TaxStrategy
6        TicketSales ticket1 = new TicketSales(new Australia(), new Adult());
7        //initializing a variable with the getPrice function of Ticket1
8        double price = ticket1.getPrice();
9        //printing out the price
10       System.out.println("The price is: $"+ price);
```

```
root@DESKTOP-0FA5VF7:~/COSC330/Lab03/Exercise2#  /usr/bin/env /usr/lib/jvm/java-11-openjdk-amd64/bin/java -cp /root/.vscode-server/data/User/workspaceStorage/53
af153cebddadf05899d4293d9a740a/redhat.java/jdt_ws/Exercise2_c6d41c22/bin main
The price is: $9.9
The price is: $5.5
The price is: $5.3
The price is: $8.05
root@DESKTOP-0FA5VF7:~/COSC330/Lab03/Exercise2#
```