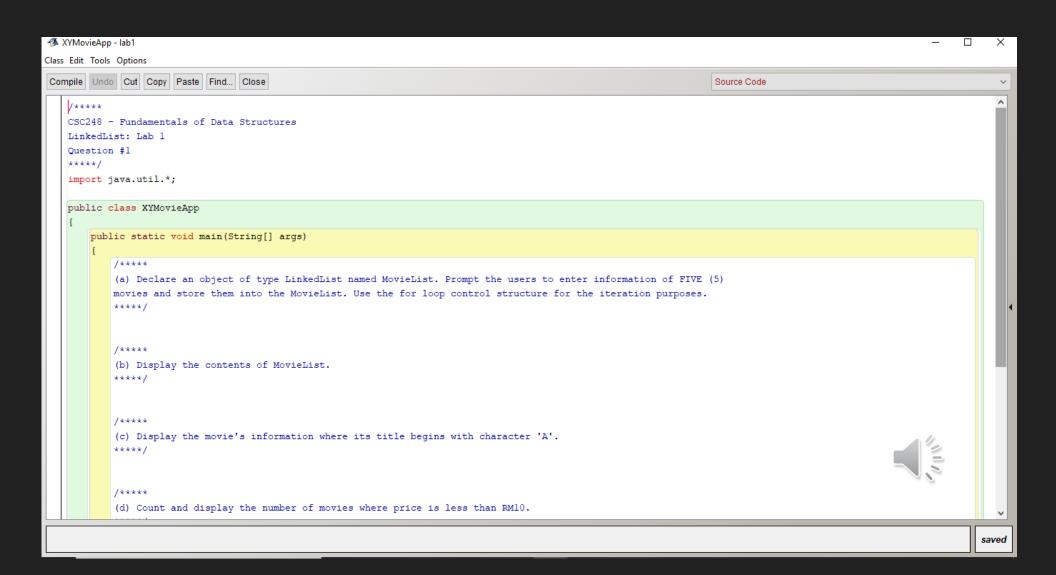
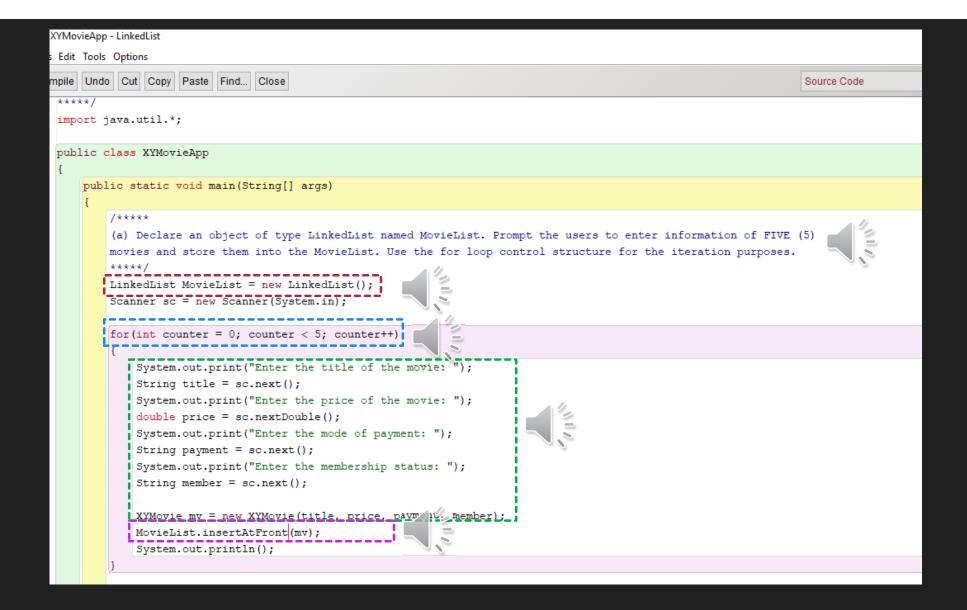
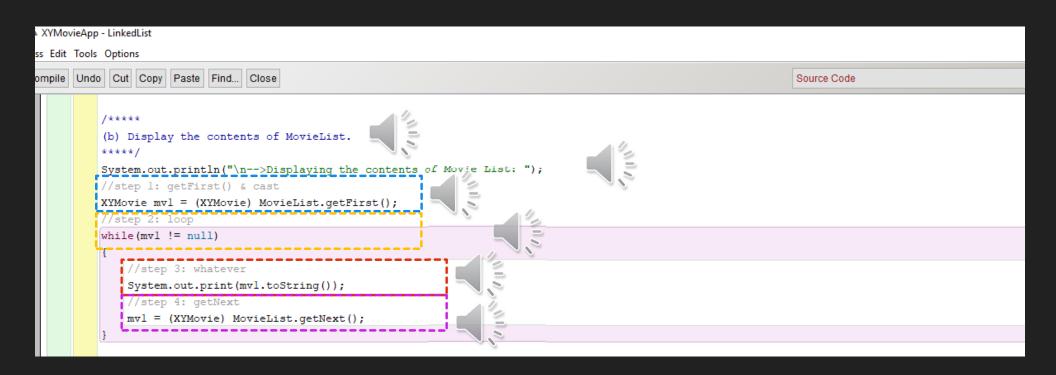
## LINKED LIST: LAB 1



CSC248: FUNDAMENTALS OF LINKED LIST







```
/*****

(c) Display the movie's information where its title begins with character 'A'.

*****/

System.out.println("\n-->Displaying the details of movies that start with A: ");

//step 1: getFirst() & cast

XYMovie mv2 = (XYMovie) MovieList.getFirst();

//step 2: loop

while (mv2 != null)

{

//step 3: whatever
if (mv2.getMovieTitle().charAt(0) == 'A' || mv2.getMovieTitle().charAt(0) == 'a')

System.out.print(mv2.toString());

//step 4: getNext
mv2 = (XYMovie) MovieList.getNext();
}
```

```
/*****

(d) Count and display the number of movies where price is less than RM10.

*****/

int countMovie = 0;

//step 1: getFirst() & cast

XYMovie mv3 = (XYMovie) MovieList.getFirst();

//step 2: loop

while (mv3 != null)

{

//step 3: whatever

if (mv3.getPrice() < 10)

countMovie++;

//step 4: getNext

mv3 = (XYMovie) MovieList.getNext();

System.out.println("\n-->Number of movies with price less than RM10: " + countMovie);
```

```
/****
(f) Copy all movie's details that have been paid with cash into another LinkedList named CashList.
Calculate and display the total of cash collected for the day.
LinkedList CashList = new LinkedList();
//step 1: getFirst() & cast
XYMovie mv4= (XYMovie) MovieList.getFirst();
//step 2: loop
while(mv4 != null)
    //step 3: whatever
    if (mv4.getModePayment().equalsIgnoreCase("cash"))
        CashList.insertAtBack(mv4);
    //step 4: getNext
    mv4 = (XYMovie) MovieList.getNext();
double totalCash = 0.0;
//step l: getFirst() & cast
XYMovie mv5= (XYMovie) CashList.getFirst();
//step 2: loop
while(mv5 != null)
    //step 3: whatever
    totalCash += mv5.getPrice();
    //step 4: getNext
    mv5 = (XYMovie) CashList.getNext();
System.out.println("\n-->Total cash collection for the day: RM" + totalCash);
```

