

```
/*
 * Author:  Stephen Chandler
 * Date:    10/08/2018
 * Purpose: Chapter 4 Lab - Carly's Event Price with Constructors
 */
package carlysconstructdemo;

import javax.swing.JOptionPane;

public class CarlysConstructDemo
{
    public static void main(String[] args)
    {
        int numOfGuests;
        String eventNumber;
        Event event1 = new Event(); //Create new object
        Event event2 = new Event();

        eventNumber = getEventNumber();
        numOfGuests = getNumOfGuests();
        event1.setEventNum(eventNumber);    //Put event number in object
        event1.setGuests(numOfGuests);      //Put number of guests in object

        eventNumber = getEventNumber();
        numOfGuests = getNumOfGuests();
        Event event3 = new Event(eventNumber, numOfGuests);

        Event.displayMotto();
        displayEventInfo(event1);
        displayEventInfo(event2);
        displayEventInfo(event3);
    }

    public static int getNumOfGuests()
    {
        String inputStr;

        inputStr = JOptionPane.showInputDialog(null,
            "Enter number of expected guests:");
        return(Integer.parseInt(inputStr));
    }
}
```

```
public static String getEventNumber()
{
    String inputStr;

    inputStr = JOptionPane.showInputDialog(null,
        "Enter the event number:");
    return inputStr;
}

public static void displayEventInfo(Event event)
{
    boolean isLargeEvent;

    isLargeEvent = (event.getNumOfGuests() >= Event.LARGE_EVENT_CUTOFF);
    JOptionPane.showMessageDialog(null, "The cost for Event "
        + event.getEventNum() + " with "
        + event.getNumOfGuests() + " guests will be $" + event.getPrice()
        + "\nLarge Event: " + isLargeEvent);
}
}
```