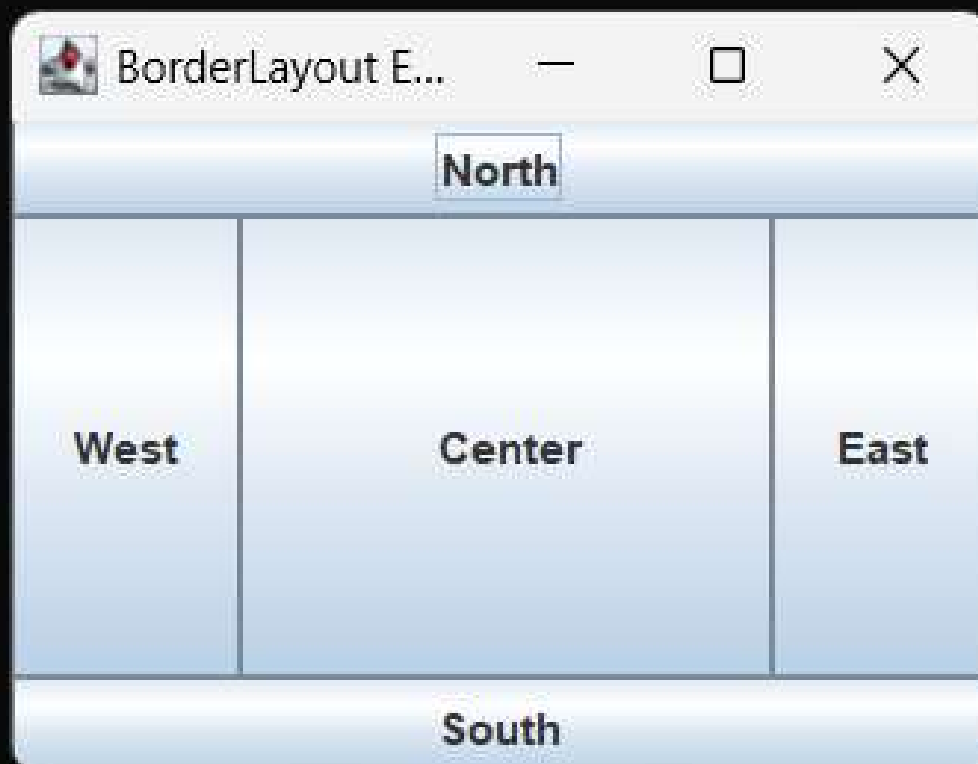


```
C:\11239A052>javac BinarySearch.java
```

```
C:\11239A052>java BinarySearch  
Found at index 3
```

```
C:\11239A052>javac BorderLayoutExample.java
```

```
C:\11239A052>java BorderLayoutExample
```

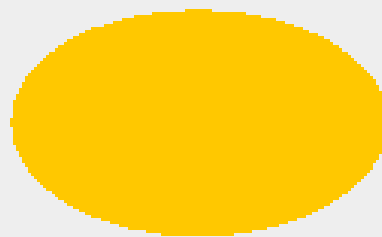
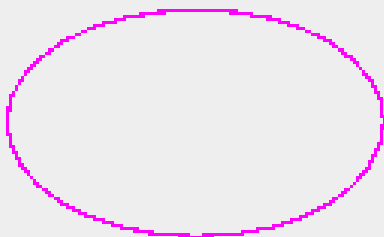
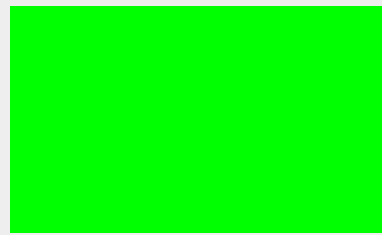
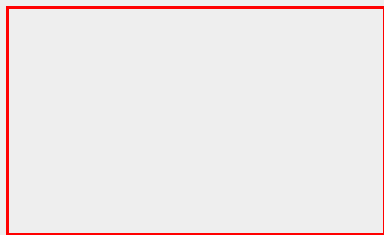


```
C:\11239A052>javac DrawShapesExtended.java
```

```
C:\11239A052>java DrawShapesExtended
```



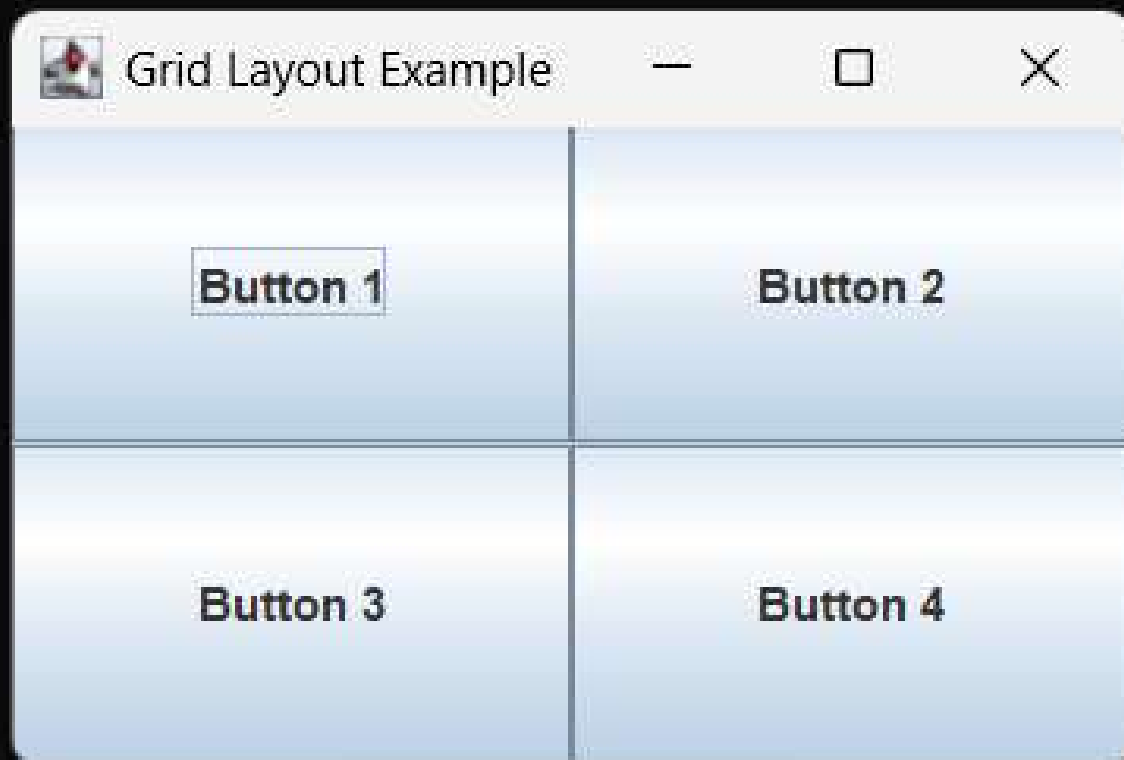
Draw Shapes Extended



Shapes Example

```
C:\11239A052>javac GridLayoutExample.java
```

```
C:\11239A052>java GridLayoutExample
```



```
C:\11239A052>javac SimpleCalc.java
```

```
C:\11239A052>java SimpleCalc
```

```
Enter first number: 52
```

```
Enter second number: 66
```

```
Enter operation (+, -, *, /): +
```

```
Result: 118
```

```
C:\11239A052>javac PreDefinedException.java
```

```
C:\11239A052>java PreDefinedException
```

```
Enter numerator: 12
```

```
Enter denominator: 23
```

```
Result: 0
```

```
Program execution completed.
```

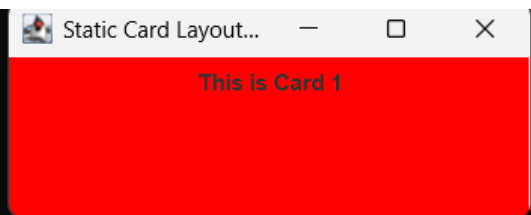
```
C:\11239A052>javac SortArray.java
```

```
C:\11239A052>java SortArray
```

```
1 2 3 5 8
```

```
C:\11239A052>javac StaticCardLayoutExample.java
```

```
C:\11239A052>java StaticCardLayoutExample
```





```
C:\11239A052>javac StudentDetails.java
```

```
C:\11239A052>java StudentDetails  
Name: John, Age: 21
```

```
C:\11239A052>javac SubstringExample.java
```

```
C:\11239A052>java SubstringExample  
World
```

```
C:\11239A052>javac UserDefinedException.java
```

```
C:\11239A052>java UserDefinedException
```

```
Enter numerator: 34
```

```
Enter denominator: 45
```

```
Result: 0
```

```
Program execution completed.
```

```
C:\11239A052>javac AccountDetails.java
```

```
C:\11239A052>java AccountDetails
```

```
Account Number: 123456789
```

```
Account Holder: Alice
```

```
Balance: $1500.75
```

```
C:\11239A052>javac CalculatorSwitch.java
```

```
C:\11239A052>java CalculatorSwitch
```

```
Enter first number:
```

```
56
```

```
Enter second number:
```

```
67
```

```
Choose an operation:
```

```
1. Addition (+)
```

```
2. Subtraction (-)
```

```
3. Multiplication (*)
```

```
4. Division (/)
```

```
4
```

```
Result = 0.835820895522388
```

```
C:\11239A052>java operations.Calculator
```

```
Enter first number: 78
```

```
Enter second number: 89
```

```
Choose Operation:
```

```
1. Add
```

```
2. Subtract
```

```
3. Multiply
```

```
4. Divide
```

```
3
```

```
Result = 6942.0
```

```
C:\11239A052>java SimpleThreadExample
```

```
Thread 1 is running: 1
```

```
Thread 2 is running: 1
```

```
Thread 1 is running: 2
```

```
Thread 2 is running: 2
```

```
Thread 2 is running: 3
```

```
Thread 1 is running: 3
```

```
Thread 2 is running: 4
```

```
Thread 1 is running: 4
```

```
Thread 2 is running: 5
```

```
Thread 1 is running: 5
```