

```
C:\11239A066>javac Student.java
```

```
C:\11239A066>java Student
```

```
Name: John
```

```
Roll Number: 101
```

```
Marks: 82.5
```

```
Grade: B
```

```
C:\11239A066>|
```

```
C:\11239A066>javac StringOperations.java
```

```
C:\11239A066>java StringOperations
```

```
Enter first string: hi
```

```
Enter second string: appu
```

```
Concatenation: hiappu
```

```
Length of first string: 2
```

```
Are both strings equal? false
```

```
Substring of first (first 3 chars): hi
```

```
Uppercase: HI
```

```
C:\11239A066>javac SmartCar.java
```

```
C:\11239A066>java SmartCar
```

```
Engine started!
```

```
Playing music...
```

```
C:\11239A066>javac SimpleServer.java
```

```
C:\11239A066>java SimpleServer
Server is waiting for client...
Client connected!
Message from client: Hello, Server!
```

```
C:\11239A066>
```

```
Microsoft Windows [Version 6.0.6002.18005]
(c) Microsoft Corporation. All rights reserved.
```

```
C:\11239A066>javac SimpleClient.java
```

```
C:\11239A066>java SimpleClient
Error: Could not find or load main class SimpleClient
```

```
C:\11239A066>javac SimpleClient.java
```

```
C:\11239A066>java SimpleClient
```

```
C:\11239A066>
```

```
C:\11239A066>javac SimpleCalculator.java
```

```
C:\11239A066>java SimpleCalculator
```

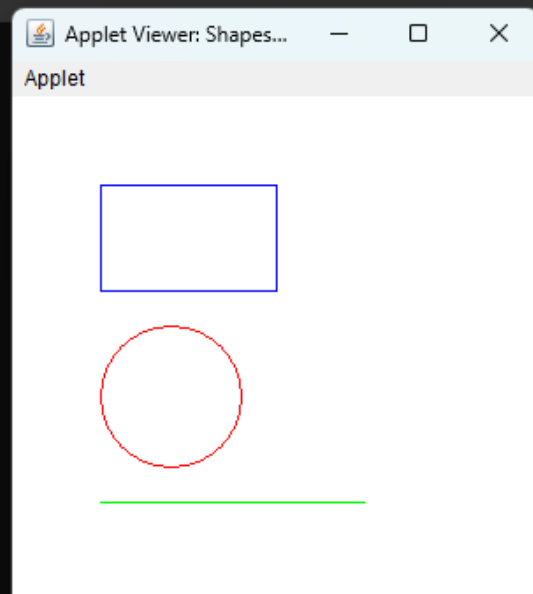
```
Enter first number: 56
```

```
Enter second number: 78
```

```
Enter operator (+, -, *, /, %): -
```

```
Result = -22.0
```

```
Administrator: C:\Windows\Sy × + v  
Microsoft Windows [Version 10.0.26100.6899]  
(c) Microsoft Corporation. All rights reserved.  
C:\11239A066>javac ShapesApplet.java  
C:\11239A066>appletviewer ShapesApplet.html
```



```
C:\11239A066>java SearchElement
```

```
Enter number of elements: 5
```

```
Enter 5 numbers:
```

```
6
```

```
7
```

```
8
```

```
5
```

```
4
```

```
Enter element to search: 5
```

```
Element found!
```

```
C:\11239A066>
```

```
C:\11239A066>javac PrimeCheck.java
```

```
C:\11239A066>java PrimeCheck
```

```
Enter a number: 5
```

```
5 is a Prime Number.
```

```
C:\11239A066>|
```

```
C:\11239A066>java MyThread
```

```
Thread A - Count: 1
```

```
Thread B - Count: 1
```

```
Thread B - Count: 2
```

```
Thread A - Count: 2
```

```
Thread B - Count: 3
```

```
Thread A - Count: 3
```

```
Thread B - Count: 4
```

```
Thread A - Count: 4
```

```
Thread B - Count: 5
```

```
Thread A - Count: 5
```

```
C:\11239A066>java MaxMinArray
```

```
Enter number of elements: 6
```

```
Enter 6 numbers:
```

```
7
```

```
65
```

```
4
```

```
5
```

```
6
```

```
6
```

```
Maximum = 65
```

```
Minimum = 4
```

```
C:\11239A066>java MatrixOperations
```

```
Enter 2x2 Matrix A:
```

```
4
```

```
5
```

```
4
```

```
3
```

```
Enter 2x2 Matrix B:
```

```
4
```

```
5
```

```
5
```

```
6
```

```
Sum of matrices:
```

```
8 10
```

```
9 9
```

```
Product of matrices:
```

```
41 50
```

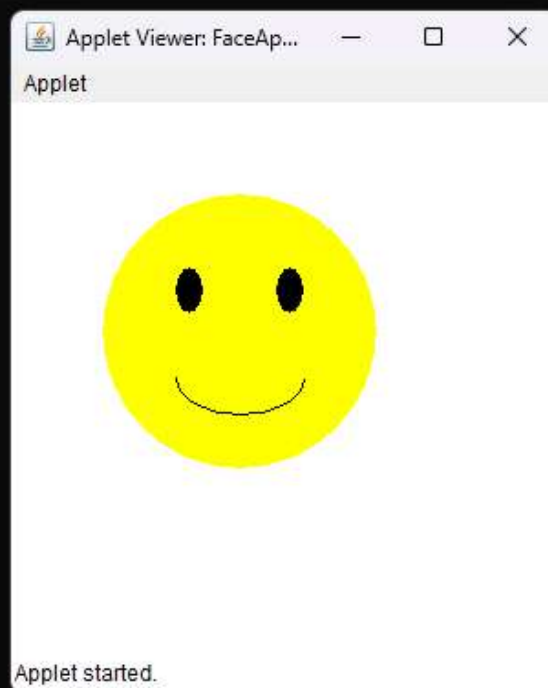
```
31 38
```

```
C:\11239A066>javac FaceApplet.java
```

```
C:\11239A066>java FaceApplet
```

```
Error: Main method not found in class FaceAp
```

```
C:\11239A066>appletviewer FaceApplet.html
```



```
C:\11239A066>java ExceptionExample
Enter numerator: 67
Enter denominator: 86
Result: 0
Program ended safely.
```

```
C:\11239A066>java CountEvenOdd
```

```
Enter number of elements: 5
```

```
Enter 5 numbers:
```

```
3
```

```
4
```

```
5
```

```
6
```

```
7
```

```
Even numbers: 2
```

```
Odd numbers: 3
```

```
C:\11239A066>javac Car.java
```

```
C:\11239A066>java Car
```

```
Car starts with key
```

```
Car stops with brake
```

```
C:\11239A066>java ArraySumAverage
```

```
Enter number of elements: 4
```

```
Enter 4 numbers:
```

```
5
```

```
6
```

```
55
```

```
4
```

```
Sum = 70
```

```
Average = 17.5
```

```
C:\11239A066>javac  Animal.java
```

```
C:\11239A066>java  Animal
```

```
Error: Main method not found in class Animal, please define the main method as:  
    public static void main(String[] args)  
or a JavaFX application class must extend javafx.application.Application
```

```
C:\11239A066>java dog
```

```
Error: Could not find or load main class dog
```

```
C:\11239A066>java Dog
```

```
Animal eats food
```

```
Dog barks
```

dog bark

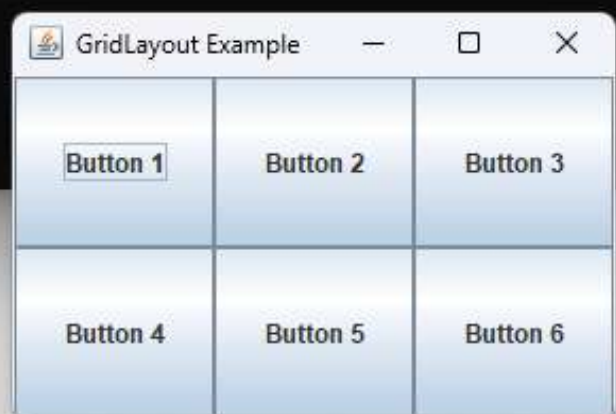
```
C:\11239A066>javac FlowLayoutExample.java
```

```
C:\11239A066>java FlowLayoutExample
```



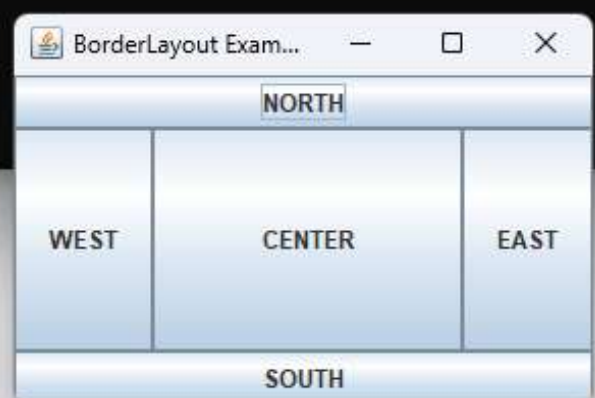
```
C:\11239A066>javac GridLayoutExample.java
```

```
C:\11239A066>java GridLayoutExample
```



```
C:\11239A066>javac BorderLayoutExample.java
```

```
C:\11239A066>java BorderLayoutExample
```



```
Administrator: C:\WINDOWS\
Microsoft Windows [Version 10.0.26100.6899]
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C:\Users\Administrator>cd\

C:\>cd C:\11239A066

C:\11239A066>javac -cp ".;C:\11239A066\mysql-connector-j-9.5.0.jar" SimpleJDBC.java

C:\11239A066>java -cp ".;C:\11239A066\mysql-connector-j-9.5.0.jar" SimpleJDBC
Error: java.sql.SQLException: Column 'id' not found.

C:\11239A066>javac -cp ".;C:\11239A066\mysql-connector-j-9.5.0.jar" SimpleJDBC.java

C:\11239A066>java -cp ".;C:\11239A066\mysql-connector-j-9.5.0.jar" SimpleJDBC
1 - abcde
2 - rrrrrr

C:\11239A066>
```