# **Operating Systems**Spring Semester 2020

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## **Program 4- Producer Consumer**

#### **Java Classes with Main Method**

```
import java.io.BufferedReader;
import java.io.IOException;
  public static void main(String[] args) {
          File f = new File(args[0]); // Creation of File Descriptor for input file
```

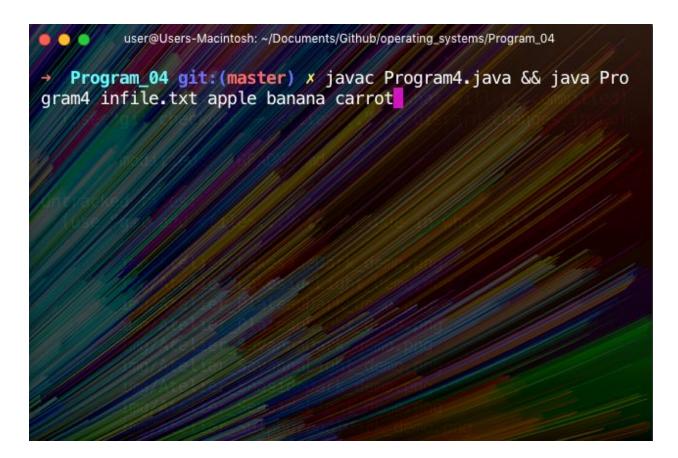
```
carrot.start();
     } catch (Exception e) {
class CubbyHole {
         } catch (InterruptedException e) {
  public synchronized void put(char value) {
```

```
} catch (InterruptedException e) {
public Consumer(CubbyHole c) {
   cubbyhole = c;
```

```
private CubbyHole bananaCub_1;
private CubbyHole carrotCub_2;
```

```
bananaCub_1.put('e');
bananaCub_1.put('i');
bananaCub_1.put('o');
bananaCub_1.put('u');
```

#### **Code Execution**



### Output

