

PSEUDOCODE:

Tea.java:

Declare package

Drink class

```
{  
    Variable for drink name  
    Variable for sugar level  
    Variable for ice level  
    Variable for topping  
    Method to display drink information  
    Method to set drink name  
    Method to set sugar level  
    Method to set ice level  
    Method to set topping  
}
```

Tea class inherits from Drink class

```
{  
    Variable for tea price  
    Method to set tea price  
    Method to get tea price  
}
```

BobaShop.java

Declare package

Import utilities

Interface for scheduling

```
{  
    Declare methods for scheduling  
}  
Pickup Class implements scheduling interface  
{  
    Define functions first declared in interface  
}  
BobaShop class  
Main declaration  
Variable for total price of order  
Variable for the order quantity  
Variable for order incrementation  
Variable for order count down to 0  
Declare scanner for input  
Print out introduction  
Print out request for number of drinks, allow customers to input  
Create array to hold number of drinks  
Start while loop as long as drinks countdown does not equal zero  
Display options for drinks menu  
Allow user to input drink number  
Switch case for drink  
{  
    Use class method to set drink name  
    Use class method to set drink price  
}  
Display sugar level options
```

Allow user to enter number for desired sugar level

Switch case for sugar level

```
{  
    Use class method to set sugar level  
}
```

Display ice level options

Allow user to enter number for desired ice level

Switch case for ice level

```
{  
    Use class method to set ice level  
}
```

Display topping level options

```
{  
    Use class method to set topping  
}
```

Increment drink counter

Decrement drink countdown counter

If countdown does not equal 0

```
{  
    Display next drink line break  
}
```

Display order summary

Use class method

Sum up drinks in array

Use class method to get

Display options for pickup time

Allow user to enter number of desired pick up time

Switch case for pick up time

Use class methods to set pick up time

Display pick up time

Write order summary, total price, and pick up time to receipt text file