

Group Activity 2

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```

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;

public class Furniture {
    private static BufferedReader in = new BufferedReader(
        new InputStreamReader(System.in));

    public static void main(String[] args) {

        writeSeparator();
        writeLine("Furniture Program");
        writeSeparator();

        writeLine("Please select your table size:");
        writeLine("(1) Large");
        writeLine("(2) Small");

        String tableSize = readLine("> ");

        writeLine("");
        writeLine("Select the wood:");
        writeLine("(1) Pine");
        writeLine("(2) Oak");
        writeLine("(3) Mahogany");

        String wood = readLine("> ");
        String woodName = "";

        double price = 0;

        if ("1".equals(tableSize)) {
            price += 35.00; // Large Table, add $35.00
        }

        if ("1".equals(wood)) {
            price += 100.00;
            woodName = "Pine";
        } else if ("2".equals(wood)) {
            price += 225.00;
            woodName = "Oak";
        } else if ("3".equals(wood)) {
            price += 310.00;
            woodName = "Mahogany";
        }

        writeSeparator();
        if (!"".equals(woodName)) {
            writeLine("The selected wood was: " + woodName);
        }
        write("Price: " + String.format("R%6.2f", price));

    }

    private static String readLine(String caption) {
        write(caption);
        try {

```

```

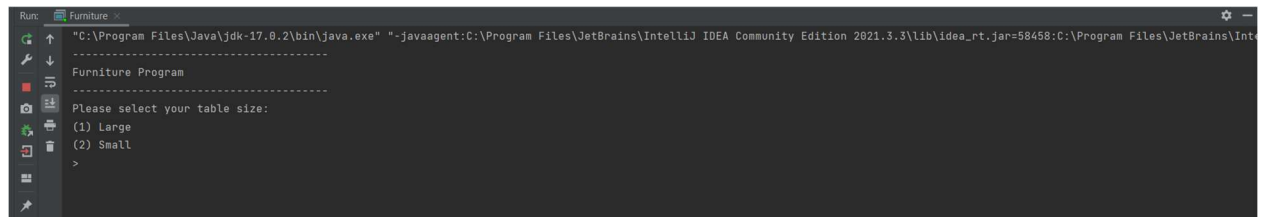
        return ingredient();
    } catch (I Exception e) {
        return "";
    }
}

private static void write(String... values) {
    for (Object value : values) {
        System.out.print(value);
    }
}

private static void writeLine(Object... values) {
    for (Object value : values) {
        System.out.print(value);
    }
    System.out.println();
}

private static void writeSeparator() {
    writeLine("-----");
}
}

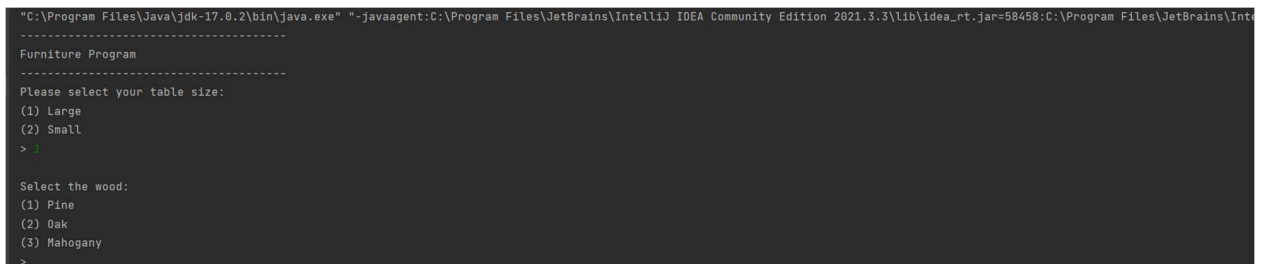
```



```

Run: Furniture
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\lib\idea_rt.jar=58458:C:\Program Files\JetBrains\Int
-----
Furniture Program
-----
Please select your table size:
(1) Large
(2) Small
>

```



```

"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\lib\idea_rt.jar=58458:C:\Program Files\JetBrains\Int
-----
Furniture Program
-----
Please select your table size:
(1) Large
(2) Small
> 1

Select the wood:
(1) Pine
(2) Oak
(3) Mahogany
>

```

```
External Libraries
Run: Furniture
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\lib\idea_rt.jar=58458:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin" -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\conf -Didea.copyright.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\copyright -Didea.home.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin -Didea.platform.prefix=Java -Didea.vendor.id=idea -Didea.version=2021.3.3 -jar C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin\idea_rt.jar 58458
Furniture Program
-----
Please select your table size:
(1) Large
(2) Small
> 1
-----
Select the wood:
(1) Pine
(2) Oak
(3) Mahogany
> 2
-----
The selected wood was: Oak
Price: R260.00
Process finished with exit code 0

Version Control Run TODO Problems Terminal Build
All files are up-to-date (a minute ago) 19:1 CRLF UTF-8 4 spaces
```

```
External Libraries
Run: Furniture
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\lib\idea_rt.jar=58742:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin" -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\conf -Didea.copyright.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\copyright -Didea.home.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin -Didea.platform.prefix=Java -Didea.vendor.id=idea -Didea.version=2021.3.3 -jar C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin\idea_rt.jar 58742
Furniture Program
-----
Please select your table size:
(1) Large
(2) Small
> 2
-----
Select the wood:
(1) Pine
(2) Oak
(3) Mahogany
> 2
-----
The selected wood was: Oak
Price: R225.00
Process finished with exit code 0

Version Control Run TODO Problems Terminal Build
All files are up-to-date (moments ago) 19:1 CRLF UTF-8 4 spaces
```