Lab Report 03
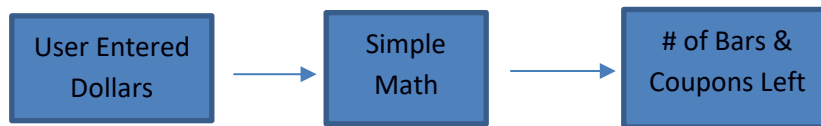
Problem

How many chocolate bars can someone buy with a certain amount of dollars if they get a coupon for each bar? Six coupons give one bar.

Proposed Solution

Create a program that takes user entered number and by doing simple math outputs the number of chocolate bars the user can get and how many coupons will be left

Tests and Results

Problems Encountered

To me trial and error to get the math correct.

Conclusions and Discussion

The lab taught to use math in Java and allowed for a deeper understanding of variables. To my knowledge and on what other things I have seen, this seems to be the best solution.

Additional Questions

1. In the proposed solution section, draw a flowchart to represent your solution.

Did it!

2. Is this code problem free? If yes, write the generated output, if not, identify the error:

```java
int j = 7, m = 5;
while ( j != 0)
{
System.out.println( j - m );
}
```

The code first declares j as 7 and m as 5, then says that if j does not equal 0 then output what j –

m equal. Since j is a non-changing variable it will loop the program within while.

```
<terminated> Lab03Question [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (Sep 27, 2022, 5:14:05 PM – 5:14:15 PM) [pid: 10808]
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