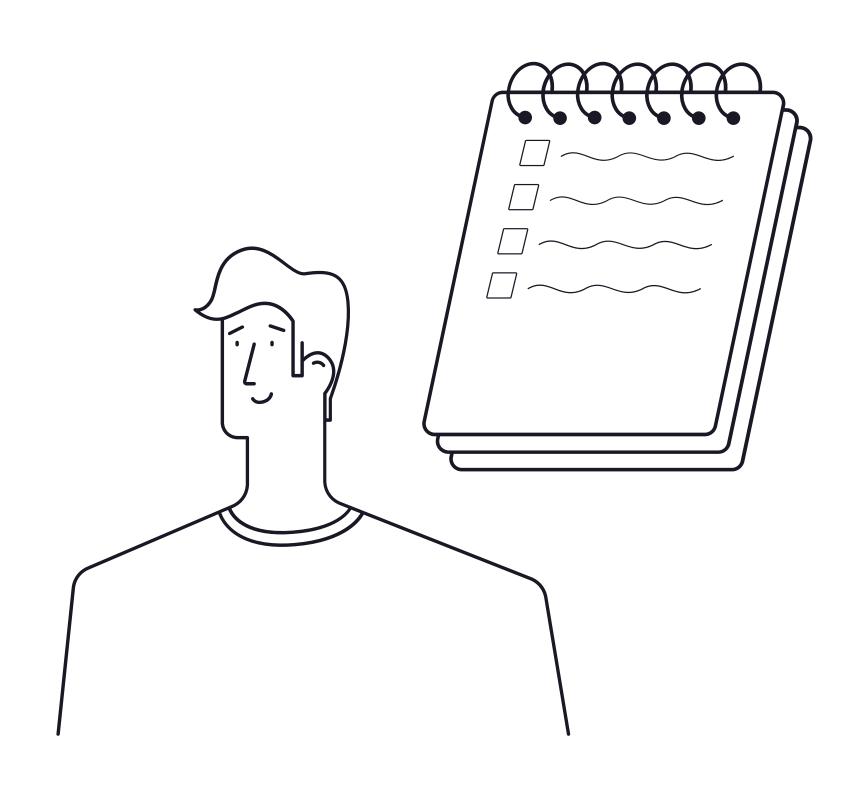


REVIEW OF LECTURES/TODAY'S AGENDA

- The syntax of the while loop.
- Repeated Ifstatement
- When to use while loops.

LET'S CODE TOGETHER!

We will write a program that will help CIS students practice their modular arithmetic for the first exam.



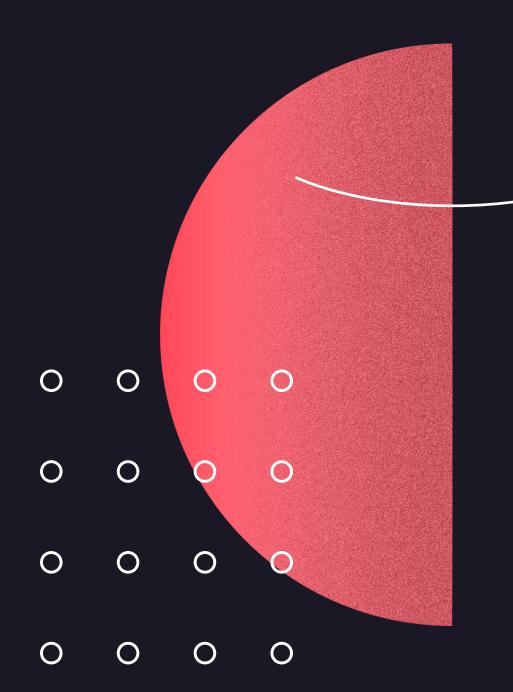
```
public class Quiz {

public static void main(String[] args) {
    java.util.Scanner input = new java.util.Scanner(System.in);

int wrong = 0;
    int answer;
```

```
while (wrong < 3) {
   int random1 = (int) (Math.random() * 100);
   int random2 = (int) (Math.random() * 125);
   int modulus = (int) (Math.random() * 150);
   System.out.print(random1 + " % " + modulus + " = ");
   answer = input.nextInt();
   if(answer == random1 % modulus) {
      System.out.println("Correct! \u263A");
   }else{
      wrong++;
      System.out.println("Incorrect \u2639");
   }
}</pre>
```

Now you code! Worksheet of problems



github.comjosephclark293/cis230pass