## CSE110 Review Questions (Solutions)

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## 1 Methods

**Question 1** Write a boolean method called all Different that takes 3 int numbers and returns true if the numbers are all different and false otherwise.

Answer:

```
public boolean allDifferent(int num1, int num2, int num3) {
    if (num1 != num2 && num1 != num3 && num2 != num3) {
        return true;
    } else {
        return false;
}
```

**Question 2** Write a boolean method called isPrime that takes in an int number, and returns true if the number is prime, and false otherwise.

Answer: