Clock.py:

1. In the add\_minute method, you are checking if self.seconds >= 60 to add a minute. This condition should be self.minutes >= 60. Similarly, in the add\_second method, you need to check self.minutes >= 60 to add a minute.

**Resolution:**

**A computer screen with text and numbers

Description automatically generated**

1. In the pad method, when you are comparing value with 9, you should use <= instead of < to include the case when value is 9.

**Resolution:**

**A screen shot of a computer code

Description automatically generated**

1. In the get\_24\_hour\_format method, you are calling the pad method on value, which is an integer. You need to convert value to a string before using string concatenation.

**Resolution:**

**A computer screen shot of a black background

Description automatically generated**

Clock.java

1. Incorrect handling of minutes and seconds in addMinute() and addSecond()

A screen shot of a computer program

Description automatically generated

1. Conditional check in pad() method - The condition in the pad() method checks if the value is less than 9, but it should check if it is less than or equal to 9.

A computer screen with text on it

Description automatically generated

1. Handling the hour overflow in addHour() method - The condition for the hour overflow check in the addHour() method should be hours >= 23 instead of hours >= 24.

A screen shot of a computer program

Description automatically generated