GROUP 10

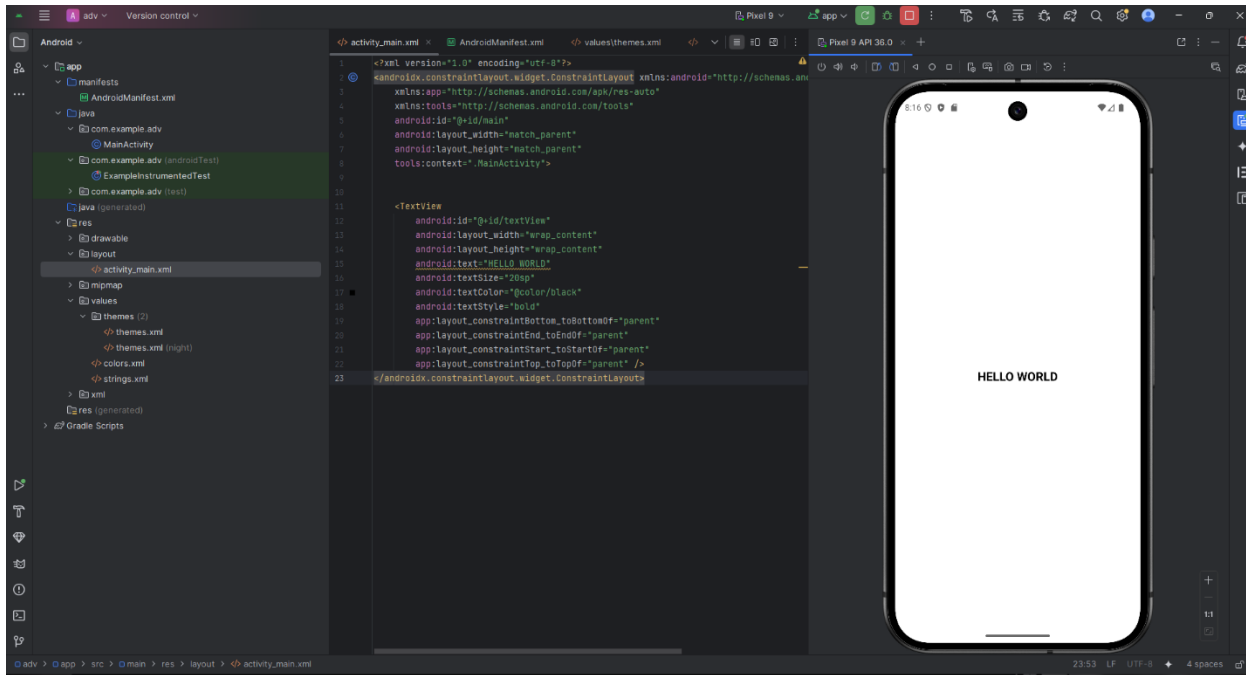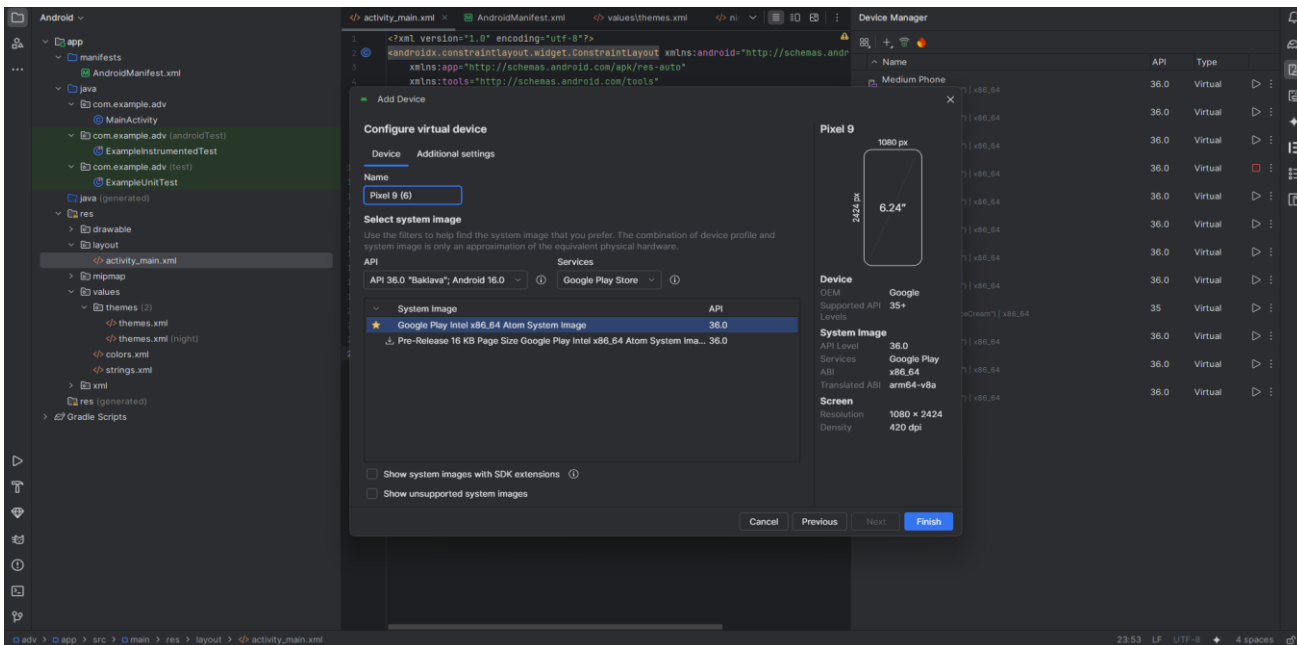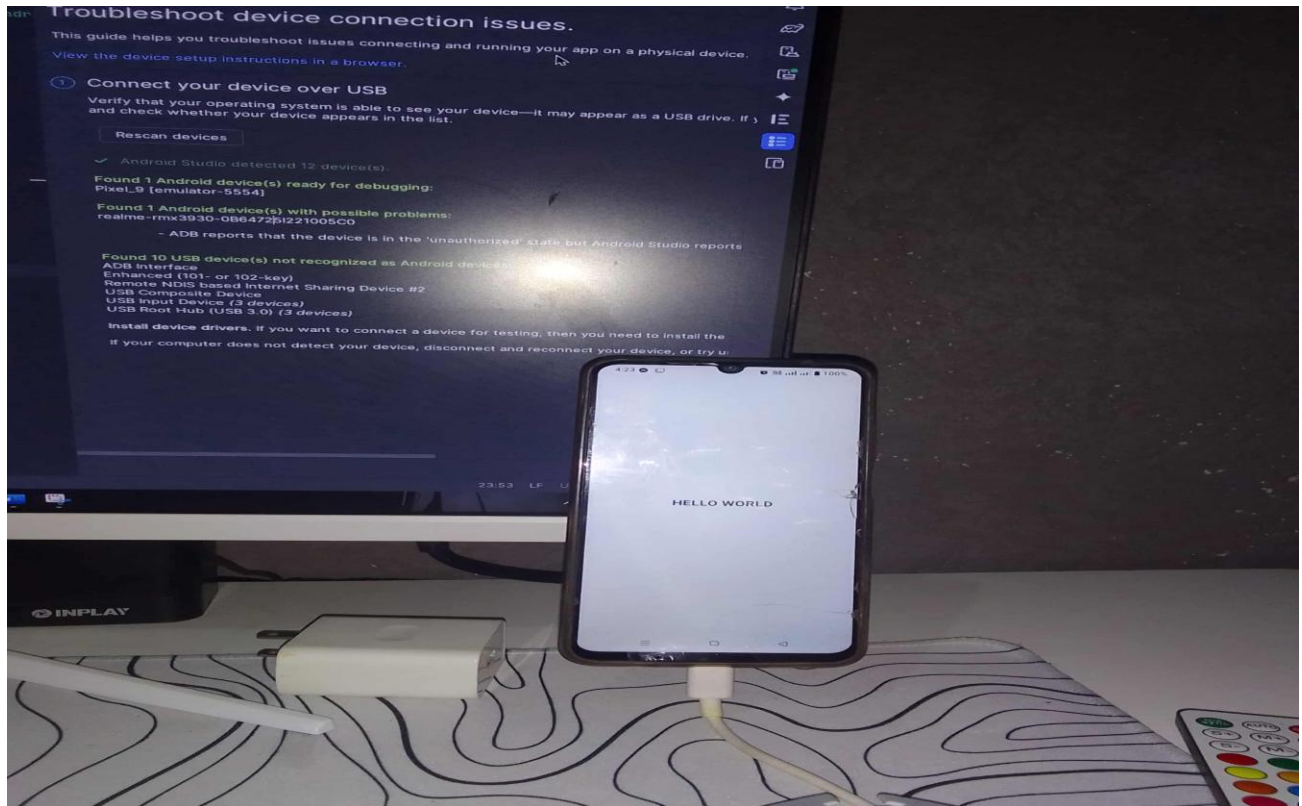## Setting up an Android Virtual Device

Setting up an Android Virtual Device

Testing on a Physical Device (if available)

Post-Lab Questions

1. What differences did you observe between the AVD and physical device performance?
The AVD was slower and sometimes lagged, while the physical device ran faster and smoother with more accurate responses.

2. Which platform was easier to configure and use for testing?
The AVD was easier to set up because it runs directly in Android Studio, but it takes longer to load.

3. What are the advantages and limitations of AVDs?
Advantages:

- No need for a real phone
- Can test different Android versions and screen sizes

Limitations:

- Slower performance
- Uses a lot of memory
- No access to real sensors

4. When would you prefer to use a physical device instead of an AVD?
I would use a physical device for final testing, checking real performance, and using features like the camera or GPS.