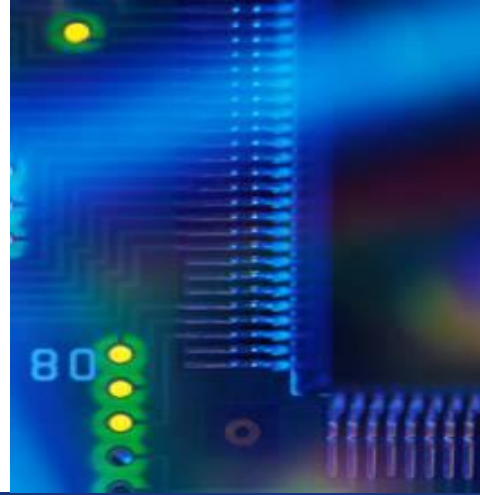
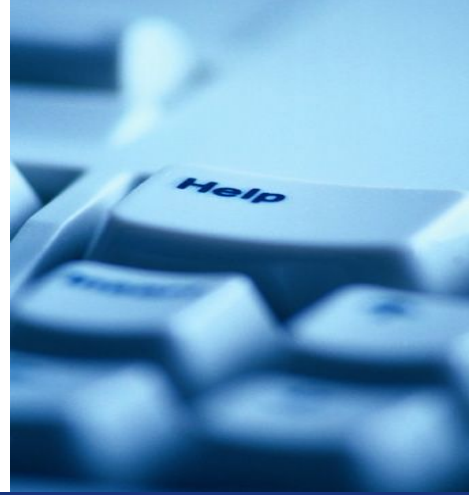




**UNIVERSITAS
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FAKULTAS TEKNOLOGI INFORMASI

Mobile Programming

[PG119/ 3 SKS]

Riskiana Wulan, MKom

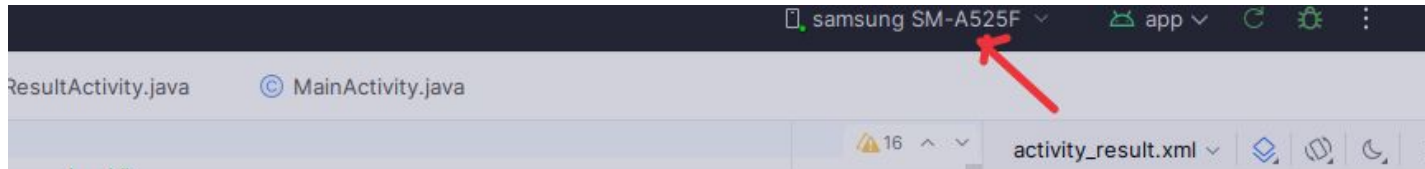


Run A Project on a real Android Device

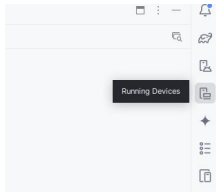
Turn On Developer Options

Langkah-langkah:

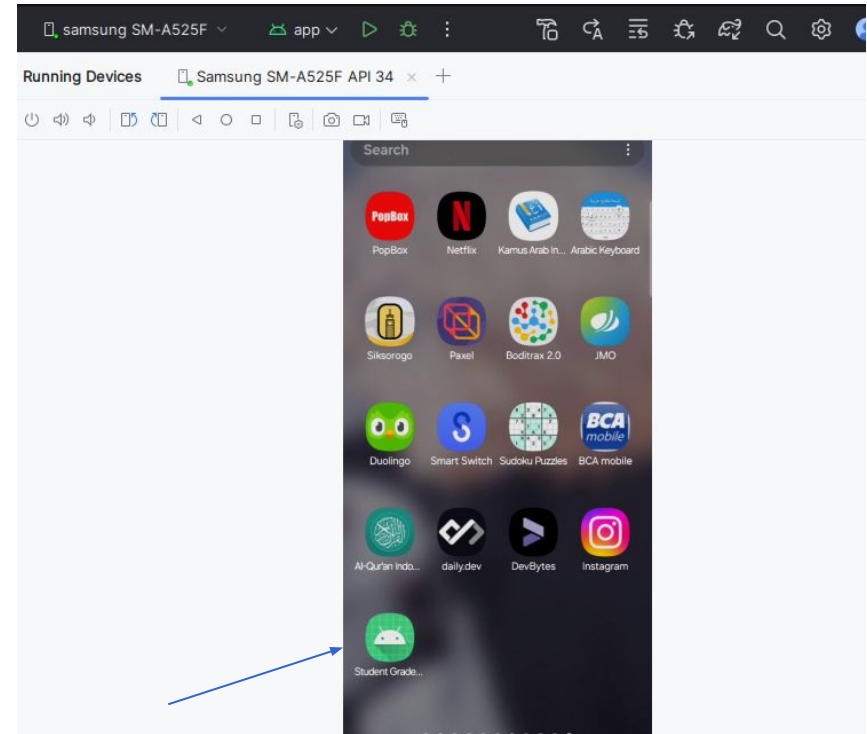
1. **Pilih menu settings pada mobile android**
2. **Pilih About Phone**
3. **Pada Software Information, tap Build number sebanyak 7 kali sampai muncul pin**
4. **enter pin, akan muncul notification Developer Options is on**
5. **Kembali ke menu Settings lalu Developer Options akan muncul**
6. **Pilih Developer Options dan pastikan status On**
7. **Aktifkan USB Debugging, akan muncul konfirmasi untuk Allow USB debugging, pilih Allow.**
8. **Jika Sudah aktif, sambungkan USB Cable pada Mobile device ke PC atau laptop**
9. **Pada Android Studio akan muncul Mobile device yang terhubung**



1. Pilih Running Device



2. Screen Mobile Android akan muncul dan android application dapat diakses dari mobile device



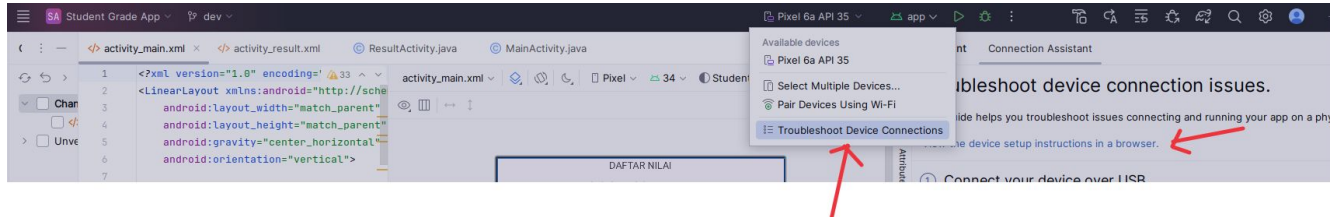
Reference

Samsung GALAXY device:

<https://www.samsung.com/uk/support/mobile-devices/how-do-i-turn-on-the-developer-options-menu-on-my-samsung-galaxy-device/>

Atau

Pilih drop down pada device emulator -> Troubleshoot Device Connection -> View the device setup instruction



Pilih Rescan Devices jika mobile android masih belum terdeteksi

Assistant Connection Assistant

Troubleshoot device connection issues.

This guide helps you troubleshoot issues connecting and running your app on a physical device.

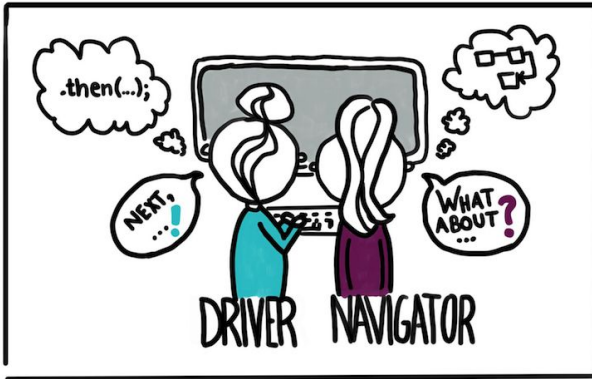
[View the device setup instructions in a browser.](#)

①

Connect your device over USB

Verify that your operating system is able to see your device—it may appear as a USB drive. If you're not sure, click the button below to scan for connected USB devices, and check whether your device appears in the list.

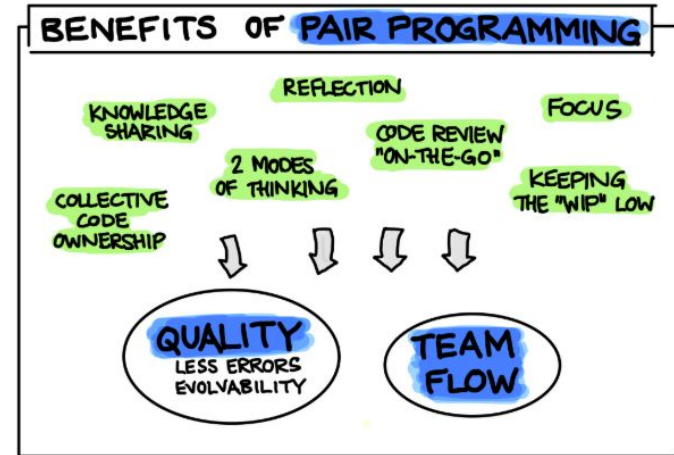
Rescan devices



PAIR PROGRAMMING

Kelebihan

1. **Knowledge Sharing**
2. **Focus**
3. **Efisien**
4. **2 Modes of Thinking**
5. **Code Review "On The Go"**



<https://martinfowler.com/articles/on-pair-programming.html>

Exercises

Selesaikan Project Student Grade App berikut

- 1. Buat Pair (2 Orang sebagai Driver and Navigator)**
- 2. Setiap 1 Pair diberi waktu 5 menit lalu coding akan dilanjutkan oleh Pair berikutnya sampai project selesai**