# **Digital Signature Project**

Objective: Securely sign a confidential file using an SHA256 digital signature and verify its integrity to detect any corruption or unauthorized modifications.

Step 1: Generate a private key



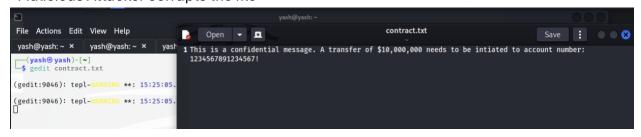
Step 2: Generate a private key



### Step 3: Sign the confidential file with a SHA256 signature

### Step 4: Verification shows "Verified OK" before the file is corrupted

#### \*Malicious Attacker corrupts the file\*



## Step 6: Re-verify to see that the verification displays "Verification Failure"

