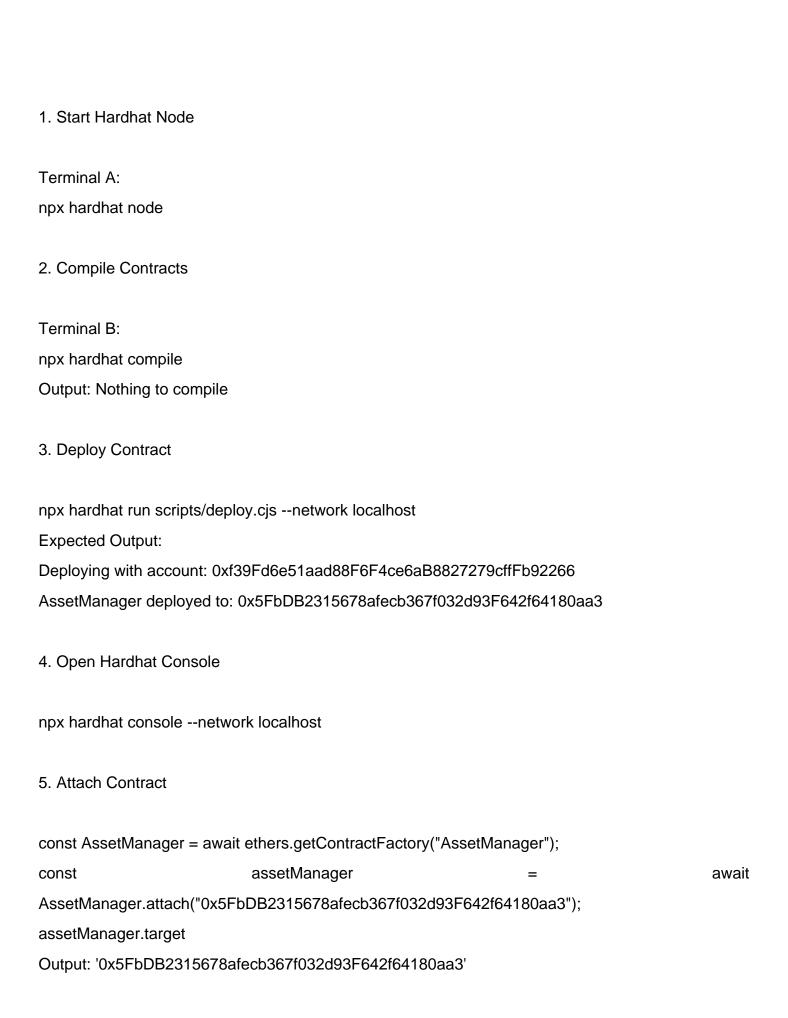
# **Ethereum + Hardhat Internship Project Cheat Sheet**



## 6. Register Assets

```
await assetManager.registerAsset("Laptop")
await assetManager.registerAsset("Printer")
await assetManager.registerAsset("Router")
await assetManager.registerAsset("Projector")
```

### 7. Verify Asset Ownership

await assetManager.getAssetOwner(1) await assetManager.getAssetOwner(2) await assetManager.getAssetOwner(3) await assetManager.getAssetOwner(4)

#### 8. View Full Asset Details

await assetManager.getAsset(1) await assetManager.getAsset(2) await assetManager.getAsset(3) await assetManager.getAsset(4)

#### 9. Transfer Asset

const accounts = await ethers.getSigners()
await assetManager.transferAsset(2, accounts[1].address)
await assetManager.getAssetOwner(2) // now accounts[1]
await assetManager.getAssetOwner(1) // Laptop still deployer

#### 10. List All Assets

```
for (let i = 1; i <= 4; i++) {
  const [id, name, owner] = await assetManager.getAsset(i)
  console.log(`ID: ${id}, Name: ${name}, Owner: ${owner}`)</pre>
```