**Solidity inheritance**

**Task description:**

Implement contract D that inherits from B and C contracts. You are **not** allowed to change anything aside from contract D.

1. Make the contract D deployable. You will have to solve a tiny puzzle for that.
2. Private variable c in the C contract (that you can’t change yourself) should equal “2” after the D contract deployment.
3. Private variable deposited in the contract A should be > 0 at the end of validation.
4. Tasks 2. and 3. will be checked by the [validator](https://sepolia.etherscan.io/address/0x0EB6217372b7498F2074C686169D77ea390A5Eb8#code) contract.

**What to hand in:**

1. Deploy and verify contract D.
2. In the [validator](https://sepolia.etherscan.io/address/0x0EB6217372b7498F2074C686169D77ea390A5Eb8#code) contract, call validate(address d) to check if the task is implemented correctly.
3. Provide the link to the verified D contract.