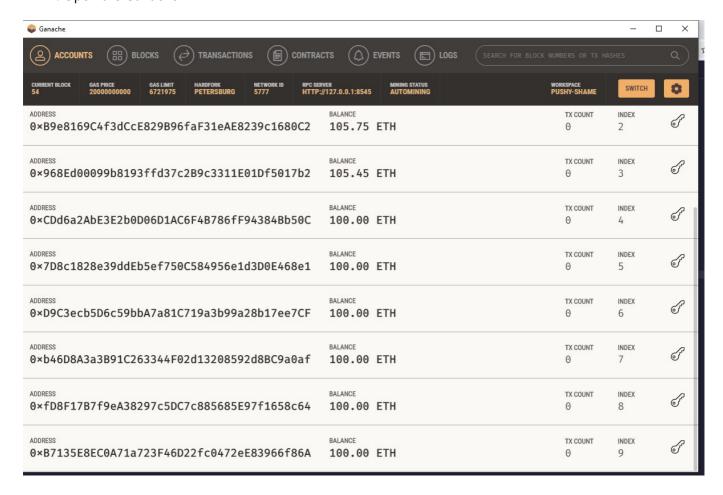
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# **Smart Contract**

## **Preliminary Steps**

1. Open the Ganache



- 2. Open the Remix and connect it with meta mask, make sure it is conntected with testnet network
- 3. Deploy the three solidity contracts (Level 1, Level 2 and Level 3)

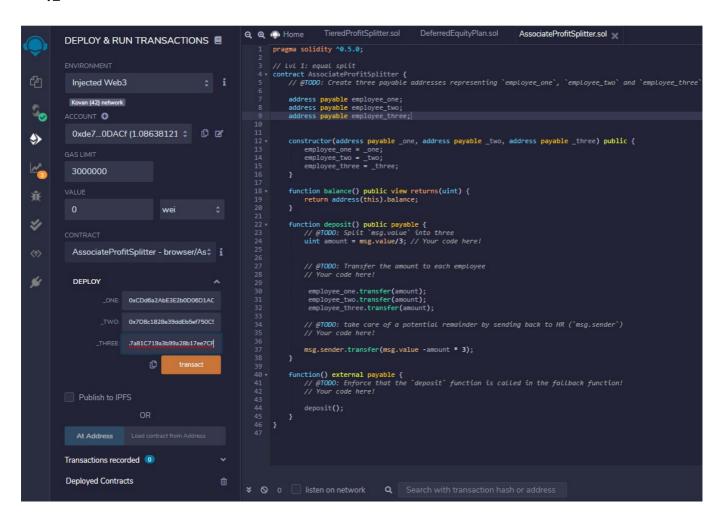
### Level 1 Solidity Contract

- The name of the contract is AssociateProfitSplitter.sol
- This will allows to deposite the ether into the contract and distrubute the ether among the employees i.e one, two and three.

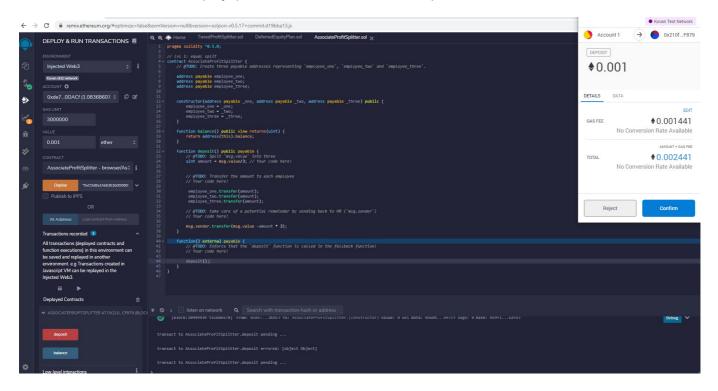
#### Steps

- · Compile the contract
- Deploy the contract, make sure the Remix is connected to Injected Web3

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Once the contract is deploy, put the amount and click on Deposit

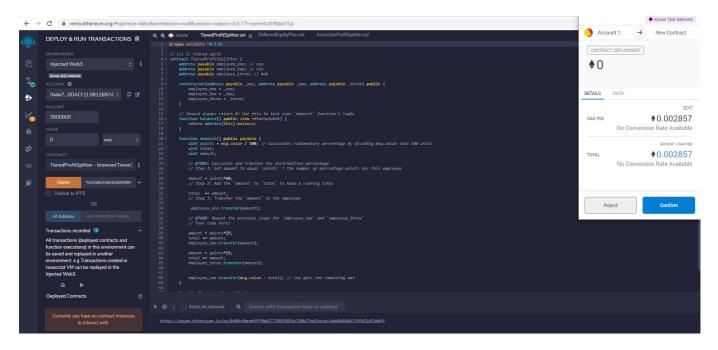


## Level 2 Solidity Contract

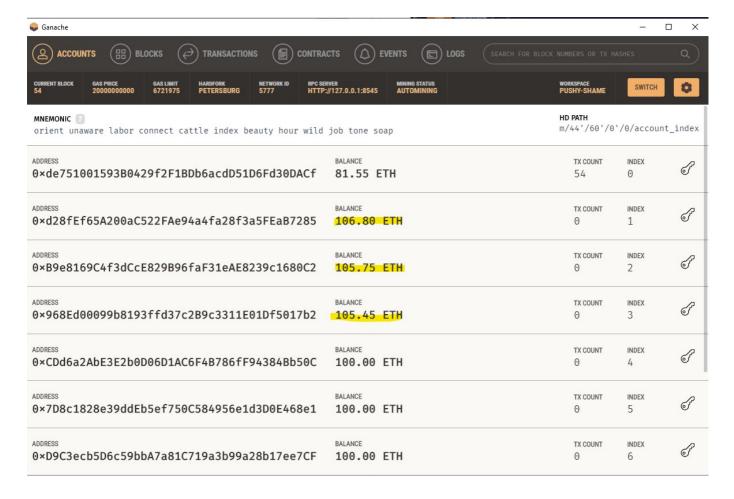
- The name of the contract is TieredProfitSplitter.sol
- This contract basically divides the ether amount based on the desgination level of employee. In the contract employee one, two and three receives 60%, 25% and 15% of ether amount respectively.

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- The method of compilation and deployment is same as of level 1 contract
- Once the contract is deploy, hit on deposite to distribute the ether



Confirm the distribution in the Ganache



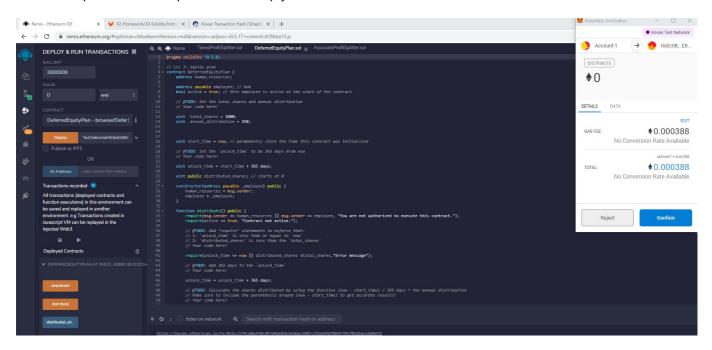
## Level 3 Solidity Contract

- The name of the contract is DeferredEquityPlan.sol
- This contract determines how many the number of years a employee served in the company and based on it the number of company share is given to them. In our contract for each year spend the number of

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shares should given as 250 from total awarded share of 1000.

• The process of compilation and deplyment is same



• distribute will distribute the shares to the specified address and deactivate will deferred the share back to the company if the employee the firm before 4 years