

Lottery contract :

- User calls **enterLottery** and stakes USDC and in return they get zUSDC.
- After the required number of players enters lottery, admin user calls **settleLottery** method and winners are decided randomly.
- Winners calls **collectRewards** method and which burns zUSDC of the user and rewards is transferred to the user.

LoserLottery contract :

- All the users who lost in the lottery has zUSDC tokens with them.
- They can use zUSDC token to play lottery again.
- They call **enterLottery** and transfer zUSDC tokens. These zUSDC tokens are burned immediately.
- After the required number of players enters lottery, admin user calls **settleLottery** method and winner is decided.
- Winners calls **collectRewards** method and they get **Distribution Token**.

Below are deployed contract addresses on Kovan for carrying out Lottery :

- Lottery contract 1 : 0x77f957e73D67BA76B03765807BE8e1A449e066A7
- Lottery contract 2 : 0x2b5e1c479EF84545a22f3Ea693bc49C14775FCd7
- USDC Token : 0xF0C1d95ddE65644E70ee37d6226F133AFeAA03Bf
- zUSDC : 0x760b22584d66034d6b4926a969996dd02cd7718c
- LoserLottery contract : 0xC07647eD0B279319dA57587563E1f28387069d80
- Distribution token : 0x7a6980AEf1068B0778436769C8D360D467D01BFd