

## Homework 9

### MEV 1

1. Read our background [article](#) to MEV
2. Read the accounts of MEV attacks  
<https://www.paradigm.xyz/2020/08/ethereum-is-a-dark-forest/>  
<https://samczsun.com/escaping-the-dark-forest/>
3. Discuss in your teams how you can mitigate MEV, and should we do so ?.
4. Look through the code for the MEV bot Sandwich [contract](#)  
Do you understand what the assembly code is doing ?
5. See if you can listen to the mempool using ether.js (or similar web3.py etc)
6. Can you find a way to filter your mempool listener and get only uniswap transactions?