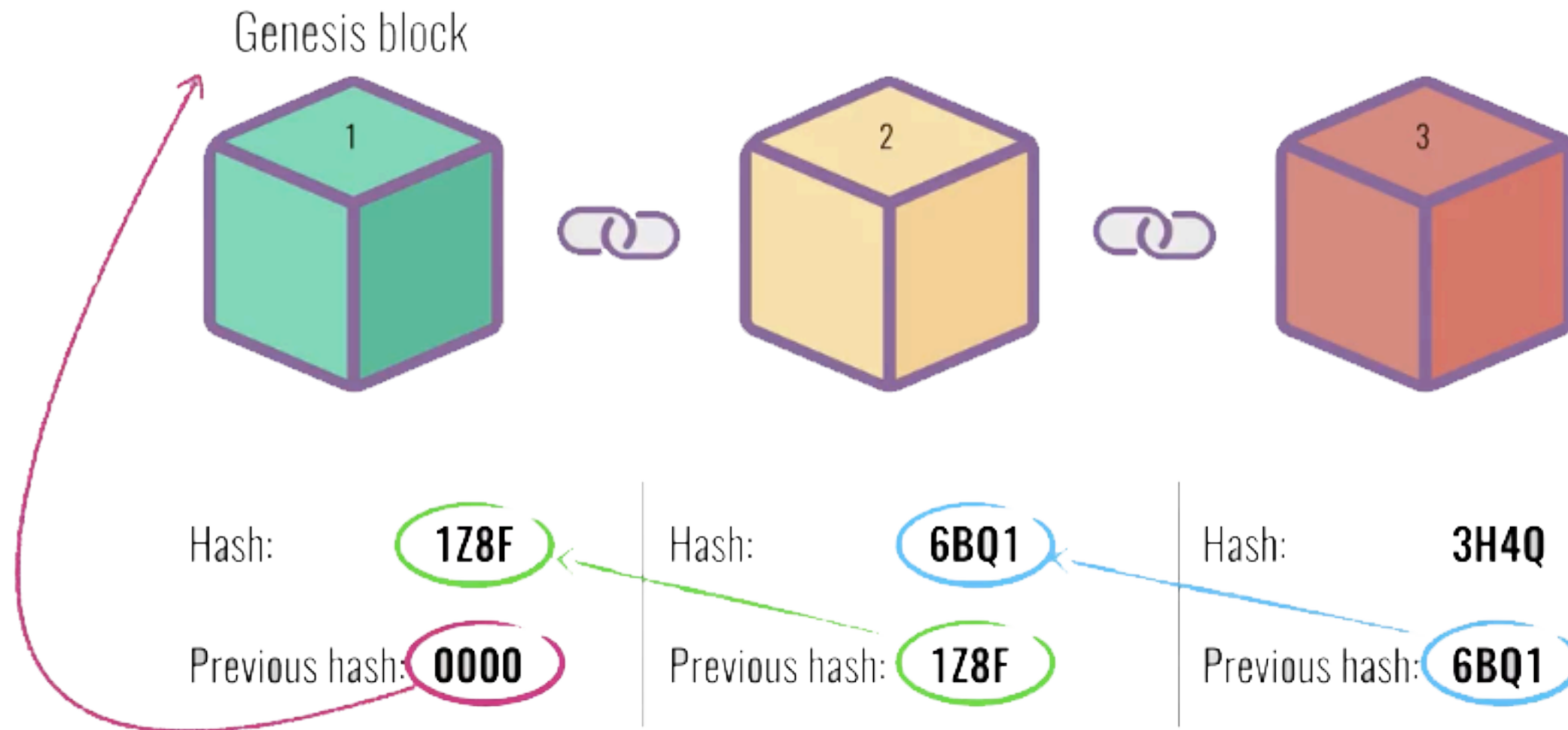


# CHAIN GENERATION:

---

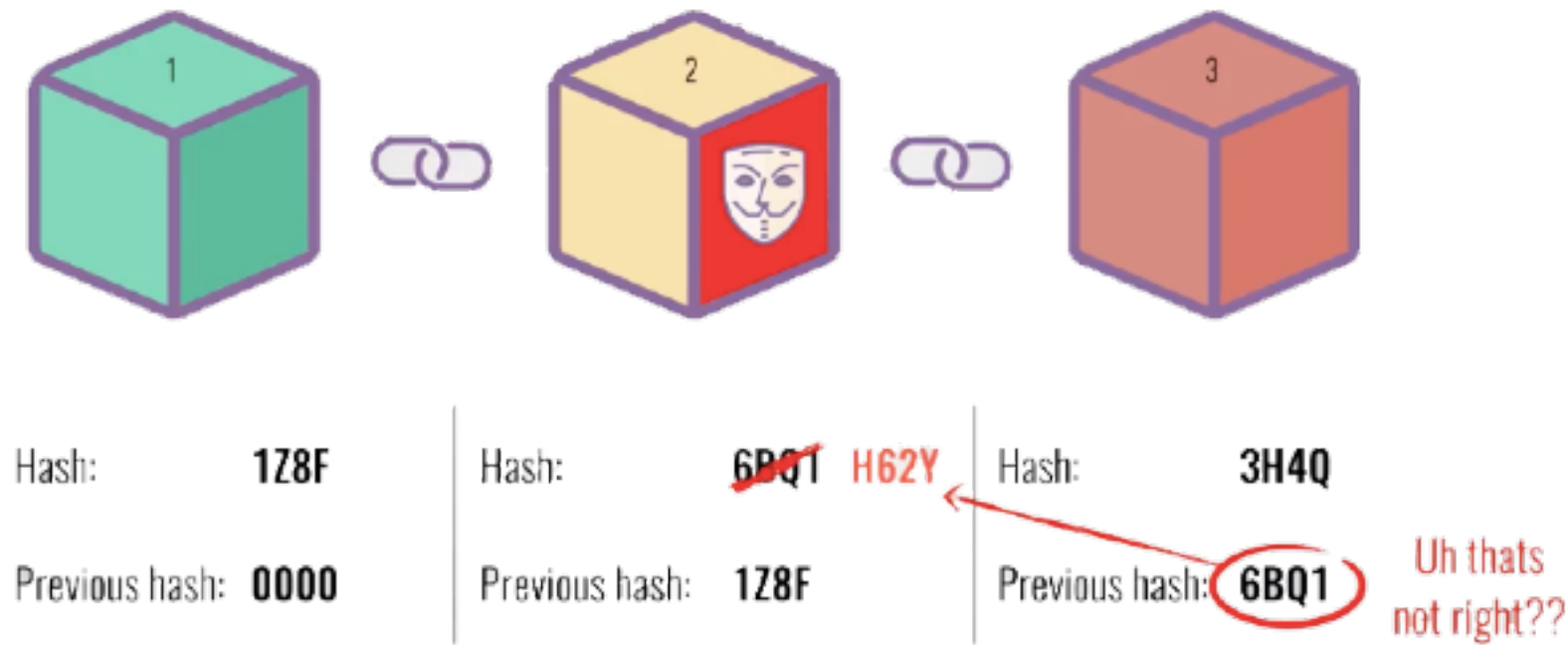


*So, here's how the block create a chain structure*

*i.e Each block points to the previous block forming a chain pattern*

# BLOCK CHAIN AND SECURITY:

---



*So, What if someone tamper with a block ?*

*This results in the change of the hash of the block so the following block will not point to the previous. So changing a single block will make all following blocks invalid*

*To make a block permanent you need to tamper all the blocks present in the chain*

**Case:** *It takes around 10 min\* to calculate and verify hash of a single transaction in case of bitcoin so time to tamper a block and make it valid will take 10 x Number of blocks present in the chain*