

Result —> When data is changed in one of the pre-existing blocks it makes the chain invalid

File - script

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1 /Users/vedantmahajan/PycharmProjects/blockchain/venv/bin/python /Users/vedantmahajan/PycharmProjects/blockchain/
  script.py
2 Block 0 <block.Block object at 0x7fdc47e61940>
3 timestamp: 2020-07-31 15:12:02.443793
4 transactions: ['Genesis Block']
5 current hash: aa65ac766d79dbfb4e2f28eaffb9f2e35d3cbb8971e29e6b0f9b26c1f86f9a75
6 previous hash: 0
7
8
9
10 Block 1 <block.Block object at 0x7fdc4902cf70>
11 timestamp: 2020-07-31 15:12:02.443847
12 transactions: {'sender': 'Alice', 'receiver': 'Bob', 'amount': '50'}
13 current hash: 89000bf99cf7c54d17c8d08fc547fda148e046e112633d486c91d2e817ad3df5
14 previous hash: aa65ac766d79dbfb4e2f28eaffb9f2e35d3cbb8971e29e6b0f9b26c1f86f9a75
15
16
17
18 Block 2 <block.Block object at 0x7fdc4902cdf0>
19 timestamp: 2020-07-31 15:12:02.443864
20 transactions: {'sender': 'Bob', 'receiver': 'Cole', 'amount': '25'}
21 current hash: 9588f0dc5b7482f69db7062faa0f511fc9ea3c1da30b42d4a3f38faa55f3abfd
22 previous hash: 89000bf99cf7c54d17c8d08fc547fda148e046e112633d486c91d2e817ad3df5
23
24
25
26 Block 3 <block.Block object at 0x7fdc4902cd60>
27 timestamp: 2020-07-31 15:12:02.443878
28 transactions: {'sender': 'Alice', 'receiver': 'Cole', 'amount': '35'}
29 current hash: c7a74cc7af39f8c5f7ae08be4d5b3a31603a408e8831c507732b5e76ea8925f8
30 previous hash: 9588f0dc5b7482f69db7062faa0f511fc9ea3c1da30b42d4a3f38faa55f3abfd
```

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31
32
33
34 Current hash does not equal generated hash
35 Invalid Blockchain!
36
37 Process finished with exit code 0
38
```