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1 /Users/anandreddysripathi/PycharmProjects/
  Blockchain/venv/bin/python /Users/
  anandreddysripathi/PycharmProjects/Blockchain/
  mongoBlockchain.py
2 connection with mongoDB is successful
3 -----
4 1:Add a block          6:export blockchain
5 2:Verify blockchain    7:display CS572 student
6 3:View blockchain      8:run query
7 4:corrupt a block      9:terminate program
8 5:fix corruption
9
10 Enter a selection: 1
11 1
12 creating block
13 enter block's difficulty2
14 enter block data100
15 enter senderanand
16 enter receivervivek
17 {'sender': 'anand', 'previousHash': '', 'data': '
  100', 'difficulty': 2, 'recipient': 'vivek'}
18 0014cc78557fd4476858f9a5dd7410cf5a117df034917d7e377
  46e340cbcd383
19 -----
20 1:Add a block          6:export blockchain
21 2:Verify blockchain    7:display CS572 student
22 3:View blockchain      8:run query
23 4:corrupt a block      9:terminate program
24 5:fix corruption
25
26 Enter a selection: 1
27 1
28 creating block
29 enter block's difficulty3
30 enter block data200
31 enter sendervivek
32 enter receiveranusha
33 {'sender': 'vivek', 'previousHash': '
  0014cc78557fd4476858f9a5dd7410cf5a117df034917d7e377
  46e340cbcd383', 'data': '200', 'difficulty': 3, '
  recipient': 'anusha'}
34 000d0783578b6da95fa1d815f64d2e1b63902d5702744cfa74e
  cef992d70e64f
35 -----

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36 1:Add a block          6:export blockchain
37 2:Verify blockchain    7:display CS572 student
38 3:View blockchain      8:run query
39 4:corrupt a block      9:terminate program
40 5:fix corruption
41
42 Enter a selection: 1
43 1
44 creating block
45 enter block's difficulty2
46 enter block data300
47 enter senderanusha
48 enter receiveranand
49 {'sender': 'anusha', 'previousHash': '
    000d0783578b6da95fa1d815f64d2e1b63902d5702744cfa74e
    cef992d70e64f', 'data': '300', 'difficulty': 2, '
    recipient': 'anand'}
50 007bb572eadd12ec851d3f2b8336b2d253e2a06eef9bf98d7a6
    954e627271395
51 -----
52 1:Add a block          6:export blockchain
53 2:Verify blockchain    7:display CS572 student
54 3:View blockchain      8:run query
55 4:corrupt a block      9:terminate program
56 5:fix corruption
57
58 Enter a selection: 2
59 2
60 verifying.....
61 blockchain is verified
62 -----
63 1:Add a block          6:export blockchain
64 2:Verify blockchain    7:display CS572 student
65 3:View blockchain      8:run query
66 4:corrupt a block      9:terminate program
67 5:fix corruption
68
69 Enter a selection: 4
70 4
71 enter the block you want to corrupt: 2
72 enter new data999
73 -----
74 1:Add a block          6:export blockchain
75 2:Verify blockchain    7:display CS572 student

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76 3:View blockchain          8:run query
77 4:corrupt a block         9:terminate program
78 5:fix corruption
79
80 Enter a selection: 2
81 2
82 verifying.....
83 chain hash is
   0000a0f859e6077db345abb57c18c0aa1d1a20ada7249ded0c
   582adab6841136
84 next doc prev hash is
   000d0783578b6da95fa1d815f64d2e1b63902d5702744cfa74
   ecef992d70e64f
85 blockchain error occured:
86 at block 2
87 corrupted
88 -----
89 1:Add a block              6:export blockchain
90 2:Verify blockchain       7:display CS572 student
91 3:View blockchain        8:run query
92 4:corrupt a block        9:terminate program
93 5:fix corruption
94
95 Enter a selection: 5
96 5
97 before updating, next block's prev hash is
98 000d0783578b6da95fa1d815f64d2e1b63902d5702744cfa74
   ecef992d70e64f
99 updated the next block's prev hash in mongodb
100 0000a0f859e6077db345abb57c18c0aa1d1a20ada7249ded0c
   582adab6841136
101 -----
102 1:Add a block              6:export blockchain
103 2:Verify blockchain       7:display CS572 student
104 3:View blockchain        8:run query
105 4:corrupt a block        9:terminate program
106 5:fix corruption
107
108 Enter a selection: 2
109 2
110 verifying.....
111 blockchain is verified
112 -----
113 1:Add a block              6:export blockchain
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114 2:Verify blockchain      7:display CS572 student
115 3:View blockchain       8:run query
116 4:corrupt a block       9:terminate program
117 5:fix corruption
118
119 Enter a selection: 9
120 9
121 exiting
122
123 Process finished with exit code 1
124
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