

The screenshot shows a transaction summary for a Bitcoin Testnet Transaction. At the top, it displays the transaction ID: 274913b0847ca490c18e31e0ef2864a0365673da3e72ae7d859d02795edad46b. Below this, there are four main metrics: AMOUNT TRANSACTED (0.00159 BTC), FEES (0.00000701 BTC), RECEIVED (32 minutes ago), and CONFIRMATIONS (6+). A blue button labeled "Advanced Details" is located at the bottom left of this section. The main content area is titled "Details" and shows a flow diagram where one input (0.00159 BTC from n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ) is consumed to create ten outputs. Each output is a 0.000159 BTC coin sent to the same address: n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ (unspent).

# 分币

```
1 (.venv) craftoldw@ACG5p-
Craftoldw:~/1learningoutput/Blockchain/
Ex1$ python3 ./split_test_coins\ .py
2 201 Created
3 {
4     "tx": {
5         "block_height": -1,
6         "block_index": -1,
7         "hash":
8             "274913b0847ca490c18e31e0ef2864a0365673
9                 da3e72ae7d859d02795edad46b",
10            "addresses": [
```

```
9      "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
10     ],
11     "total": 159000,
12     "fees": 701,
13     "size": 498,
14     "vsize": 498,
15     "preference": "low",
16     "relayed_by": "50.7.253.114",
17     "received": "2025-09-
18     23T02:53:29.304769445Z",
19     "ver": 1,
20     "double_spend": false,
21     "vin_sz": 1,
22     "vout_sz": 10,
23     "confirmations": 0,
24     "inputs": [
25       {
26         "prev_hash":
27           "9efb3ed09a0996ebbc105121cc5df23d0fabcc
28           71e8a772272a112908adfc8f97",
29         "output_index": 0,
30         "script":
31           "48304502210099e8e93fb62240033607377e36
32           874c7b9e90ffc4140ff32d2de4c14e6cf5780b0
33           2204b8acde4b0675872ae156dac31f851b2321e
34           604e730aa46cd2d363315249e8220121032fb32
35           d53da5a76722f98322abf7f33e1af97c3edfb86
36           d51eee8459f271e3224a",
37         "output_value": 159701,
```

```
29         "sequence": 4294967295,
30         "addresses": [
31
32             "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
33                 ],
34                 "script_type": "pay-to-pubkey-
35                 hash",
36                 "age": 4686638
37             }
38         ],
39         "outputs": [
40             {
41                 "value": 15900,
42                 "script":
43                     "76a914f7a2a4918942016fed27914f03fe977f
44                     067f7b8a88ac",
45                 "addresses": [
46
47                     "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
48                 ],
49                 "script_type": "pay-to-pubkey-
50                 hash"
51             },
52             {
53                 "value": 15900,
54                 "script":
55                     "76a914f7a2a4918942016fed27914f03fe977f
56                     067f7b8a88ac",
57                 "addresses": [
58
59             }
```

```
50      "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
51      ],
52      "script_type": "pay-to-pubkey-
53      hash"
54      },
55      "value": 15900,
56      "script":
57      "76a914f7a2a4918942016fed27914f03fe977f
58      067f7b8a88ac",
59      "addresses": [
60
61      "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
62      ],
63      "script_type": "pay-to-pubkey-
64      hash"
65      },
66      {
67      "value": 15900,
68      "script":
69      "76a914f7a2a4918942016fed27914f03fe977f
70      067f7b8a88ac",
71      "addresses": [
72
73      "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
74      ],
75      "script_type": "pay-to-pubkey-
76      hash"
77      },
```

```
70  {
71      "value": 15900,
72      "script":
73          "76a914f7a2a4918942016fed27914f03fe977f
74              067f7b8a88ac",
75      "addresses": [
76          "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
77      ],
78      "script_type": "pay-to-pubkey-
79          hash"
80      },
81      {
82          "value": 15900,
83          "script":
84              "76a914f7a2a4918942016fed27914f03fe977f
85                  067f7b8a88ac",
86          "addresses": [
87              "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
88          ],
89          "script_type": "pay-to-pubkey-
90              hash"
91          },
92          {
93              "value": 15900,
94              "script":
95                  "76a914f7a2a4918942016fed27914f03fe977f
96                      067f7b8a88ac",
97              "addresses": [
```

```
90      "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
91      ],
92      "script_type": "pay-to-pubkey-
93      hash"
94      },
95      "value": 15900,
96      "script":
97      "addresses": [
98
99      "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
100     ],
101    "script_type": "pay-to-pubkey-
102    hash"
103    },
104    {
105    "value": 15900,
106    "script":
107    "addresses": [
108
109    "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
110    ],
111    "script_type": "pay-to-pubkey-
112    hash"
113    },
```

```
110      {
111          "value": 15900,
112          "script":
113              "addresses": [
114                  "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
115              ],
116              "script_type": "pay-to-pubkey-
117              hash"
118          ]
119      }
120  }
```

# 将bitcoin返还

Bitcoin Testnet Transaction  
67781795ef3e73bace37f0543c23cbd3598a2238408cc5a0874dc339b0609949

AMOUNT TRANSACTED <b>0.00012 BTC</b>	FEES <b>0.000039 BTC</b>	RECEIVED <b>5 minutes ago</b>	CONFIRMATIONS <b>6+</b>
Advanced Details ▾			

Details

1 Input Consumed  
0.000159 BTC from [n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ](#) (output)

1 Output Created  
0.00012 BTC to [mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB](#) (unspent)

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```
1 (.venv) craftoldw@ACG5p-
Craftoldw:~/1learningoutput/BlockChain/E
x1$ python3 ./ex1.py
2 201 Created
3 {
4     "tx": {
5         "block_height": -1,
6         "block_index": -1,
7         "hash":
8             "67781795ef3e73bace37f0543c23cbd3598a223
9                 8408cc5a0874dc339b0609949",
10            "addresses": [
11                "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ",
12                "mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB"
13            ]
14        }
15    }
16 }
```

```
11     ],
12     "total": 12000,
13     "fees": 3900,
14     "size": 192,
15     "vsize": 192,
16     "preference": "low",
17     "relayed_by": "50.7.253.114",
18     "received": "2025-09-
19     23T03:20:16.358702332Z",
20     "ver": 1,
21     "double_spend": false,
22     "vin_sz": 1,
23     "vout_sz": 1,
24     "confirmations": 0,
25     "inputs": [
26       {
27         "prev_hash":
28           "274913b0847ca490c18e31e0ef2864a0365673d
29             a3e72ae7d859d02795edad46b",
30               "output_index": 0,
31                 "script":
32                   "483045022100eaaca11bcfb4e7308df67d8a00d
33                     48d3a2f5037004857567cda5c4ca90330608d022
34                       035eb7afcf11abe0760bde7b944517959ec73008
35                         8c8337e1bba4655790b51a99d0121032fb32d53d
36                           a5a76722f98322abf7f33e1af97c3edfb86d51ee
37                             e8459f271e3224a",
38                               "output_value": 15900,
39                                 "sequence": 4294967295,
40                                   "addresses": [
```

```
32      "n46L34PHxSc92VpReKuuNSUXH5TehnKvpJ"
33    ],
34    "script_type": "pay-to-pubkey-
35    hash",
36    "age": 4703758
37  ],
38  "outputs": [
39    {
40      "value": 12000,
41      "script":
42        "addresses": [
43          "mv4rnyY3Su5gjCDNzbMLKBQkBicCtHUtFB"
44        ],
45        "script_type": "pay-to-pubkey-
46        hash"
47      }
48    }
49 }
```