

- `locktime` (4 Bytes) - If non-zero and sequence numbers are `< ffffffff` : it represents either the block height or timestamp when transaction is final.

Values:

- version - 01000000 (1)
- flag - N/A
- input counter - 01 (1)
- inputs -
00ffffffffff4d04ffff001d0104455468652054696
d65732030332f4a616e2f32303039204368616e63656c6c6f72206f6e206272696e6b206f66207365636f6e64206261696c6f757
420666f722062616e6b73ffffffff
- output counter - 01 (1)
- outputs -
00f2052a01000000434104678afdb0fe5548271967f1a67130b7105cd6a828e03909a67962e0ea1f61deb649f6bc3f4cef38cf4
35504e51ec112de5c384df7ba0b8d578a4c702b6bf11d5fac00000000
- locktime - 00000000 (N/A)

Inputs

```
0000000000000000000000000000000000000000000000000000000000000000ffffffffffd40dfff001d0104455468652054696d657  
32030332f4a616e2f32303039204368616e63656c6cf72206f6e206272696eb206f6620736536f6e64206261696cbf757420666f7  
22062616e6b73ffffffff
```

```
{previous tx hash} {previous utxo index} {scriptSig length} {scriptSig} {sequence number}
```

- `previous_tx_hash` (32 Bytes) - Hash of the previous transaction. This is used to lookup the transaction in order to validate that this input can be spent.
- `previous_utxo_index` (4 Bytes) - Previous Unspent Transaction Output (UTXO) index. Since transactions can have multiple outputs, in order to specify which output, you can provide a zero-based index.
- `scriptSig` length (Variable Length) - Length in bytes of the scriptSig.
- `scriptSig` (based on `scriptSig` length) - The first part of the script that is executed before the scriptPubKey from the UTXO. When they are both executed in order, the result must be true in order to be considered a valid spend.
- `sequence_number` (4 Bytes) - Used as a relative lock time if transaction version is ≥ 2 . See [BIP68](#).

Values:

- previous tx hash - 00 (N/A for coinbase transaction)
- previous utxo index - ffffffff (N/A for coinbase transaction)
- scriptSig length - 4d (77 Bytes)
- scriptSig -
04ffff001d0104455468652054696d65732030332f4a616e2f32303039204368616e636556c6c6f72206f6e206272696e6b206f666207365636f6e64206261696c6f757420666f722062616e6b73
- sequence number - ffffffff

Note: The scriptSig in the coinbase transaction of the genesis block contains a message from Satoshi Nakamoto, the pseudonymous creator of Bitcoin. If you use ascii encoding:

```
$ printf
"04ffff001d0104455468652054696d65732030332f4a616e2f32303039204368616e63656c6c6f72206f6e206272696e6b206f6620
| xxd -r -p && echo
00The Times 03/Jan/2009 Chancellor on brink of second bailout for banks
```

There is speculation that it hints the reason that Bitcoin was created, as well as provides a verifiable timestamp that the block could not have been created before the news article was published.

Outputs

00f2052a01000000434104678afdb0fe5548271967f1a67130b7105cd6a828e03909a67962e0ea1f61deb649f6bc3f4cef38c4f35504e51ec112de5c384df7ba0b8d578a4c702b6bf11d5fac00000000

{coin value} {scriptPubKey length} {scriptPubKey}

- coin value (8 Bytes) - The value in satoshis of the output, i.e. how much Bitcoin is being sent. There are 1e8 satoshis per Bitcoin.
- scriptPubKey length (variable length) - The size of the scriptPubKey in bytes represented as a Variable Length Integer.
- scriptPubKey (based on scriptPubKey length) - The second part of the script that is executed after the scriptSig when this output is spent. The scriptPubKey is said to "encumber" the coins meaning they can only be spent if a valid solution to the scriptPubKey is provided.

Values:

- coin value - 00f2052a01000000 (50 BTC or 5000000000 satoshis)
- scriptPubKey length - 43 (67 Bytes)
- scriptPubKey -
4104678afdb0fe5548271967f1a67130b7105cd6a828e03909a67962e0ea1f61deb649f6bc3f4cef38c4f35504e51ec112de5c384df7ba0b8d578a4c702b6bf11d5fac