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PS C:\Users\Thomas\OneDrive - De Vinci\ESILV_cours\BC_prog\td2\btc_wallet_generator> python main.py
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```
Enter your choice: 1
Handle option : 'Generate BTC wallet'
##### Génération d'un wallet BTC : #####

Mnemonic seed phrase : bar couch odor twin narrow special celery pencil safe welcome alien squeeze

#####

Master Private key : cef8f08a43c57d60c947539efe23dde49fe0b63c3fec7cced599e9abdc3e114d
Master Chain Code : baa0ba9e8d59ea85bb90fa1c36dc78fe2c4b23beeb88e6a455883b58dd4133cc
Master Public Key : 913ef1440d6e2fce563226dbae6f6f089805a731b163fb61dda781789267300277559d25924d4bdd4cb8ac6ef11174e60993589149db69edecdad3a418b75f24f
#####
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```
Enter your choice: 2
Handle option : 'Verify Seed'
Please type your 12 words passPhrase : bar couch odor twin narrow special celery pencil safe welcome alien squeeze

Wallet infos :

Int phrase :
[147, 391, 1225, 1883, 1176, 1671, 296, 1301, 1520, 1994, 50, 1692]

Binary Phrase :
00010010011001100001111001100100111101011011100100110001101000011100100101000101000101011011110000111110010100000011001011010011100

Bytes_phrase:
b'\x12f\x1ed\x5f5\xb91\xa1\xc9E\x15\xbe\x1f(\x19i'

Hashed_bytesPhrase:
32a4a15b658468337040816a26c9fb1d0bf54840afc2df106379be4d22fc5da2

PassPhrase Checksum : 1100 | Processed Checksum : 1100
The Checksum is valid

#####

Master Private key : cef8f08a43c57d60c947539efe23dde49fe0b63c3fec7cced599e9abdc3e114d
Master Chain Code : baa0ba9e8d59ea85bb90fa1c36dc78fe2c4b23beeb88e6a455883b58dd4133cc
Master Public Key : 913ef1440d6e2fce563226dbae6f6f089805a731b163fb61dda781789267300277559d25924d4bdd4cb8ac6ef11174e60993589149db69edecdad3a418b75f24f
#####
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```
Enter your choice: 3
Handle option : 'Get child address with derivation path'
Please type your 12 words passPhrase : bar couch odor twin narrow special celery pencil safe welcome alien squeeze

Bytes_phrase:
b'\x12f\x1ed\x5f5\xb91\xa1\xc9E\x15\xbe\x1f(\x19i'

Hashed_bytesPhrase:
32a4a15b658468337040816a26c9fb1d0bf54840afc2df106379be4d22fc5da2

PassPhrase Checksum : 1100 | Processed Checksum : 1100
The Checksum is valid

#####

Master Private key : cef8f08a43c57d60c947539efe23dde49fe0b63c3fec7cced599e9abdc3e114d
Master Chain Code : baa0ba9e8d59ea85bb90fa1c36dc78fe2c4b23beeb88e6a455883b58dd4133cc
Master Public Key : 913ef1440d6e2fce563226dbae6f6f089805a731b163fb61dda781789267300277559d25924d4bdd4cb8ac6ef11174e60993589149db69edecdad3a418b75f24f
#####

Enter derivation path (ex : m/0/1/2/3 4) :
█
```

#####

Enter derivation path (ex : m/0/1/2/3 4) :

2

Wallet infos :

Derivation path: 2

Private key: cef8f08a43c57d60c947539efe23dde49fe0b63c3fec7cced599e9abdc3e114d

Public address : 913ef1440d6e2fce563226dbaef6f089805a731b163fb61dda781789267300277559d25924d4bdd4cb8ac6ef11174e60993589149db69edecdad3a418b75f24f

Chain code: baa0ba9e8d59ea85bb90fa1c36dc78fe2c4b23beeb88e6a455883b58dd4133cc

#####

Enter your choice: 4

End...

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