# Create a P2PKH Brainwallet



# This is a TERRIBLE idea!

#### First, hash a memorable string

## Next create an integer private key based on the hash

### Create a Wallet Import Format (WIF) code

See https://en.bitcoinwiki.org/wiki/Wallet\_import\_format

```
2 | brainwallet.nb
```

```
wif = BlockchainKeyEncode[
    pk,
    "WIF",
    BlockchainBase → "Bitcoin"
    ]
Out[176]=
    5Jz17EauP7bzgngMkZkvxsr49zXESUgdeYNMe2Spq9ebkTxEurC

Let's create a QR code for our WIF

In[177]:=
BarcodeImage[wif, "QR"]
Out[177]=
```