This program takes a number as an input and flips the number 180 degrees (as if flipped on a calculator) to show a word!

The function takes in a number (a string) from the user, and checks if each digit in the number is in the pre-defined dictionary (which has the numbers and corresponding letters as key-value pairs), then that letter corresponding to the digit is appending to an empty string. The string is then reversed, mimicking the 180 degree turn on a calculator.

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In [39]:
```
def turnCalc(string): # number taken as string input

    # pre defined dictionary with the digits and corresponding letters
    letters={'1':'I','2':'Z','3':'E','4':'H','5':'S','6':'G','7':'L','8

    # empty string to save the  output
    output=''

    # for each digit i in the input
    for i in string:

        # if the digit is in the pre defined dictionary
        if i in letters:

            # the letter corresponding to digit i is taken and appendea
            output=output+letters[i]

            # for example, for '5508', the variable 'output' saves -> S
            # to mimick the 180 degree turn of the calculator, 'output'
            # for example, 'SSOB' becomes 'BOSS' !!

    return output[::-1]
```

In [40]:
```
string=input("enter number:")
output=turnCalc(string)
print(output)
```

```
enter number:5508
BOSS
```

In [41]:
```
1 turnCalc('707')
```

Out[41]: 'LOL'

In [42]:
```
1 turnCalc('3045')
```

Out[42]: 'SHOE'

In [43]:
```
1 turnCalc('5508')
```

Out[43]: 'BOSS'

In [44]:
```
1 turnCalc('07734')
```

Out[44]: 'HELLO'

In [45]:
```
1 turnCalc('45002')
```

Out[45]: 'ZOOSH'

In [ ]:
```
1
```