

List Comprehension syntax

LOOP ONLY >>> [i for i in **range**(8) if i%2!=0]

SINGLE CONDITIONAL >>> [i for i in **range**(8) if i%2!=0]

NESTED CONDITIONAL >>> [i for i in **range**(8) if i%2==0 if i%3==0]

IF ELSE >>> ["Even" if i%2==0 else "Odd" for i in **range**(8)]

NESTED COMPREHENSION >>> [[i*j for j in **range**(1,11)] for i in **range**(7,9)]

```
def decodeMorse(morse_code):
```

```
    letters_and_words = [MORSE_CODE.get(l) for word in morse_code.split(" ")
for l in word.split(" ")]
```