```python
def bit_strings(n):
    if n == 0:
        return []
    if n == 1:
        return ['0', '1']
    return [digit + bitstring for digit in bit_strings(1) for bitstring in
            bit_strings(n-1)]

print(bit_strings(2))
```
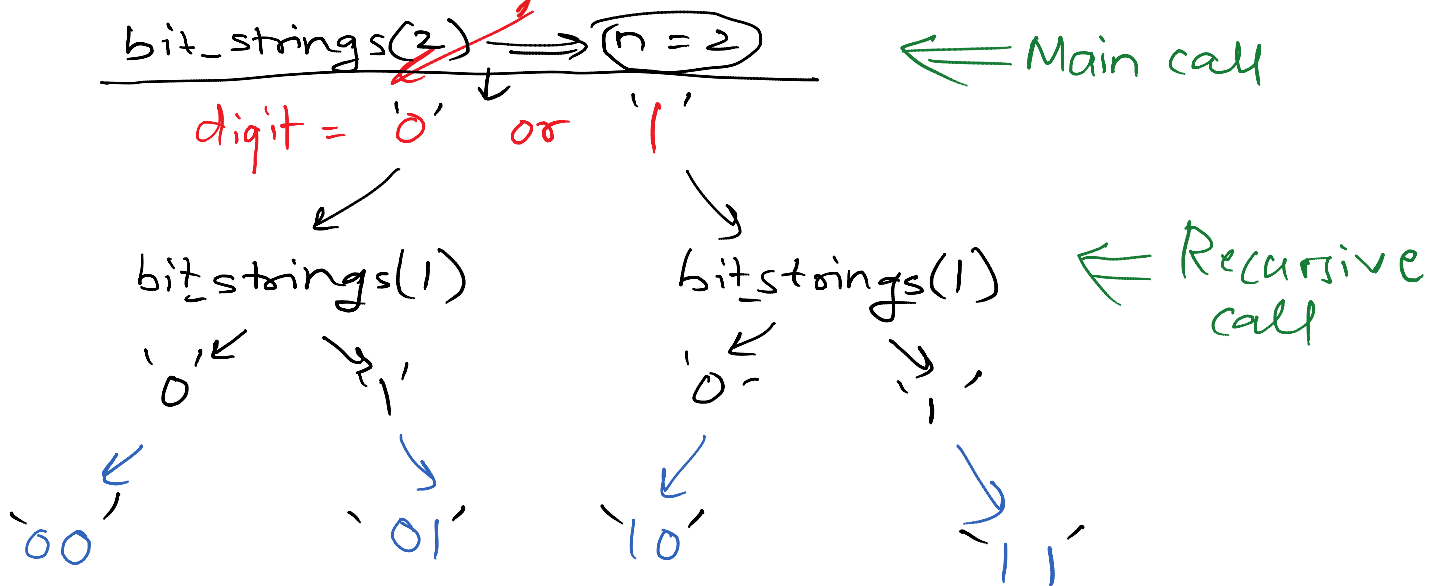
Explanation for bit_strings backtracking algorithm -

bit_strings(2) ⟹ (n = 2)  ⟸ Main call

digit = '0'  or  '1'

bit_strings(1)         bit_strings(1)   ⟸ Recursive call

'0'    '1'          '0'     '1'

'00'      '01'      '10'          '11'

O/P => ['00', '01', '10', '11']

n = 3

bit_string(3)

0,1  &  bit_string(2)
         ↓
    0,1  &  bit_string(1)
             ↓
            0,1

00, 01, 10, 11

000, 001, 010, 010, 011, 100, 101, 110, 111