```
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))

bit_strings(1)

bit_strings(1)

bit_strings(1)

bit_strings(1)

bit_strings(1)

call

O/P => [od, oi, io, ii]
```