Create python programs that output the following results in the console by using lists and loops

**1)**

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

**2)**

[1, 1, 1, 1, 0, 0, 0, 0]

[1, 1, 1, 1, 0, 0, 0, 0]

[0, 0, 0, 0, 1, 1, 1, 1]

[0, 0, 0, 0, 1, 1, 1, 1]

[1, 1, 1, 1, 0, 0, 0, 0]

[1, 1, 1, 1, 0, 0, 0, 0]

[0, 0, 0, 0, 1, 1, 1, 1]

[0, 0, 0, 0, 1, 1, 1, 1]

[1, 1, 1, 1, 0, 0, 0, 0]

[1, 1, 1, 1, 0, 0, 0, 0]

[0, 0, 0, 0, 1, 1, 1, 1]

[0, 0, 0, 0, 1, 1, 1, 1]

**3)**

[0]

[0, 0]

[0, 0, 0]

[0, 0, 0, 0]

[0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

**4)**

[0]

[0, 0]

[0, 0, 0]

[0, 0, 0, 0]

[0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0]

[0, 0, 0, 0]

[0, 0, 0]

[0, 0]

[0]

**5)**

[0]

[0, 1]

[0, 1, 2]

[0, 1, 2, 3]

[0, 1, 2, 3, 4]

[0, 1, 2, 3, 4, 5]

[0, 1, 2, 3, 4, 5, 6]

[0, 1, 2, 3, 4, 5, 6, 7]

[0, 1, 2, 3, 4, 5, 6]

[0, 1, 2, 3, 4, 5]

[0, 1, 2, 3, 4]

[0, 1, 2, 3]

[0, 1, 2]

[0, 1]

[0]

**6)**

[1, 1, 1]

[1, 1, 1, 0]

[1, 1, 1, 0, 0]

[1, 1, 1, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0]

[1, 1, 1, 0, 0]

[1, 1, 1, 0]

[1, 1, 1]

**7)**

[1, 1, 1]

[1, 1, 1]

[1, 1, 1]

[1, 1, 1]

[1, 1, 1, 2]

[1, 1, 1, 2, 3]

[1, 1, 1, 2, 3, 4]

[1, 1, 1, 2, 3, 4, 5]

[1, 1, 1, 2, 3, 4, 5, 6]

[1, 1, 1, 2, 3, 4, 5, 6, 7]

[1, 1, 1, 2, 3, 4, 5, 6]

[1, 1, 1, 2, 3, 4, 5]

[1, 1, 1, 2, 3, 4]

[1, 1, 1, 2, 3]

[1, 1, 1, 2]

[1, 1, 1]

[1, 1, 1]

[1, 1, 1]

[1, 1, 1]

**8)**

[1, 0, 0, 0, 0, 0, 0, 0]

[1, 1, 0, 0, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0]

[1, 1, 1, 1, 0, 0, 0, 0]

[1, 1, 1, 1, 1, 0, 0, 0]

[1, 1, 1, 1, 1, 1, 0, 0]

[1, 1, 1, 1, 1, 1, 1, 0]

[1, 1, 1, 1, 1, 1, 0, 0]

[1, 1, 1, 1, 1, 0, 0, 0]

[1, 1, 1, 1, 0, 0, 0, 0]

[1, 1, 1, 0, 0, 0, 0, 0]

[1, 1, 0, 0, 0, 0, 0, 0]

[1, 0, 0, 0, 0, 0, 0, 0]

**9)**

[0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]

[0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]

[0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]

[0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]

[1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]

[0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]

[0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]

[0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]

[0, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]

**10) Create your own cool design with lists.**