def find\_max\_and\_position():

numbers = [1101, 1111, 110101, 110111, 111101, 101111, 111111, 100010101, 100010111, 100011101, 100011111, 100101011, 100101101, 100101111, 100110101, 100110111, 100111011, 100111101, 100111111, 101010101, 101010111, 101011011, 101011111, 101101011, 101101101, 101101111, 101110101, 101110111, 101111011, 101111101, 101111111]

max\_num = 0

position = 0

for i, num in enumerate(numbers):

decimal\_num = int(num, 2)

if decimal\_num > max\_num and '11' not in num[1:]:

max\_num = decimal\_num

position = num.index('11') + 1 if '11' in num else 0

return max\_num, position

max\_num, position = find\_max\_and\_position()

print("The maximum number is", max\_num)

if position:

print("The series of two consecutive ones begins from the", str(position) + "th", "position.")

else:

print("There is no series of two consecutive ones.")