Question 1:

Python code to generate numbers from 1 to 100 using an array is:

def generate\_numbers\_array():

numbers = []

for i in range(1, 101):

numbers.append(i)

return numbers

if \_\_name\_\_ == "\_\_main\_\_":

# Using an array to generate numbers

array\_numbers = generate\_numbers\_array()

# Printing numbers

print("Array Numbers:")

print(array\_numbers)

Python code to generate numbers from 1 to 100 using an array is:

def generate\_numbers\_linked\_list():

numbers = []

for i in range(1, 101):

numbers.append(i)

return numbers

if \_\_name\_\_ == "\_\_main\_\_":

# Using a linked list to generate numbers

linked\_list\_numbers = generate\_numbers\_linked\_list()

print("\nLinkedList Numbers:")

print(linked\_list\_numbers)