class Queue:

def \_\_init\_\_(self):

self.queue = []

self.front = -1

self.rear = -1

def enqueue(self, data):

self.queue.append(data)

self.rear += 1

if(len(self.queue) > 1):

self.front = 0

print(len(self.queue))

def dequeue(self):

if len(self.queue) == 0 :

print("Queue is empty")

return -1

if(len(self.queue) > 1):

item = self.queue[self.front]

else:

item = self.queue[self.front+1]

self.queue.pop(0)

print("Deleted item:", item)

if(len(self.queue) == 0):

self.rear = -1

self.front = -1

else:

self.rear-=1

def get\_rear(self):

if self.rear == -1:

return -1

return self.queue[self.rear]

def isEmpty(self):

if(self.rear == self.front):

return False

else:

return True

def get\_front(self):

if(self.isEmpty()):

if(len(self.queue) > 1):

return self.queue[self.front]

else:

return self.queue[0]

else:

print("Queue is empty")

return -1

def display(self):

if len(self.queue) == 0:

print("Queue is empty")

else:

print("Front data:", self.get\_front())

print("Rear data:", self.get\_rear())

print("Elements ",self.queue)

ob = Queue()

ob.enqueue(2)

ob.dequeue()

ob.enqueue(4)

ob.dequeue()

ob.enqueue(7)

ob.enqueue(8)

ob.enqueue(9)

ob.enqueue(11)

ob.enqueue(3)

ob.dequeue()

print("front of queue : ", ob.get\_front())

ob.display()

h = [0]\*7

import array as ary

g = ary.array('i', [0]\*8)

print(g)

print(len(h))

print(h)

h[len(h)-1] = 8

print(h)