```
class Queue:
  def __init__(self, capacity):
     self.capacity = capacity
     self.queue = []
     self.front = 0
     self.rear = -1
     self.size = 0
  def is_empty(self):
     """Check if the queue is empty."""
     return self.size == 0
  def is full(self):
     """Check if the queue is full."""
    return self.size == self.capacity
 def enqueue(self, car):
  """Add a car to the end of the queue."""
   if self.is_full():
       print("Queue is full. Cannot add more cars.")
       return
   self.rear = self.rear + 1
   self.queue[self.rear] = car
   self.size += 1
   print(f"Car '{car}' added to the queue.")
  def dequeue(self):
     """Remove and return the car from the front of the queue."""
     if self.is_empty():
       print("Queue is empty. No car to remove.")
       return None
     car = self.queue[self.front]
     self.queue[self.front]=None
     self.front = self.front + 1
     self.size -= 1
     print(f"Car '{car}' removed from the queue.")
     return car
  def display_queue(self):
     """Display all cars in the queue."""
     if self.is_empty():
       print("Queue is empty.")
       return
```

```
print("Current Queue of Cars:")
    for i in range(self.size):
       index = (self.front + i) \% self.capacity
       print(f"- {self.queue[index]}")
# Example Usage
if __name__ == "__main__":
  # Create a queue with a maximum capacity of 5
  parking_queue = Queue(capacity=5)
  # Enqueue cars
  parking_queue.enqueue("Car A")
  parking_queue.enqueue("Car B")
  parking_queue.enqueue("Car C")
  # Display the queue
  parking_queue.display_queue()
  # Dequeue cars
  parking_queue.dequeue()
  parking queue.dequeue()
  # Display the queue after dequeuing
  parking_queue.display_queue()
  # Enqueue more cars
  parking_queue.enqueue("Car D")
  parking_queue.enqueue("Car E")
  parking_queue.enqueue("Car F")
  # Display the queue after adding more cars
  parking_queue.display_queue()
  # Attempt to enqueue when the queue is full
  parking_queue.enqueue("Car G") # Should indicate queue is full
```