Problem 2: Implement Queue Data Structure using Array with allfunctions like pop, push, top, size, etc.

```python
class Queue:

    def __init_(self):
        self.queue = []


    def is_empty(self):
        return len(self.queue) == 0


    def size(self):
        return len(self.queue)

    def enqueue(self, item):
        self.queue.append(item)


    def dequeue(self):
        if self.is_empty():
            return None
        return self.queue.pop(0)


    def front(self):
        if self.is_empty():
            return None
        return self.queue[0]


    def print_queue(self):
        if self.is_empty():
            print("Queue is empty")
        else:
            print("Queue:", self.queue)


queue = Queue()
queue.enqueue(10)
```

```
queue.enqueue(20)

queue.enqueue(30)

queue.enqueue(40)


queue.print_queue()

print("Front:", queue.front())

print("Dequeued item:", queue.dequeue())

queue.print_queue()

print("Queue size:", queue.size())
```
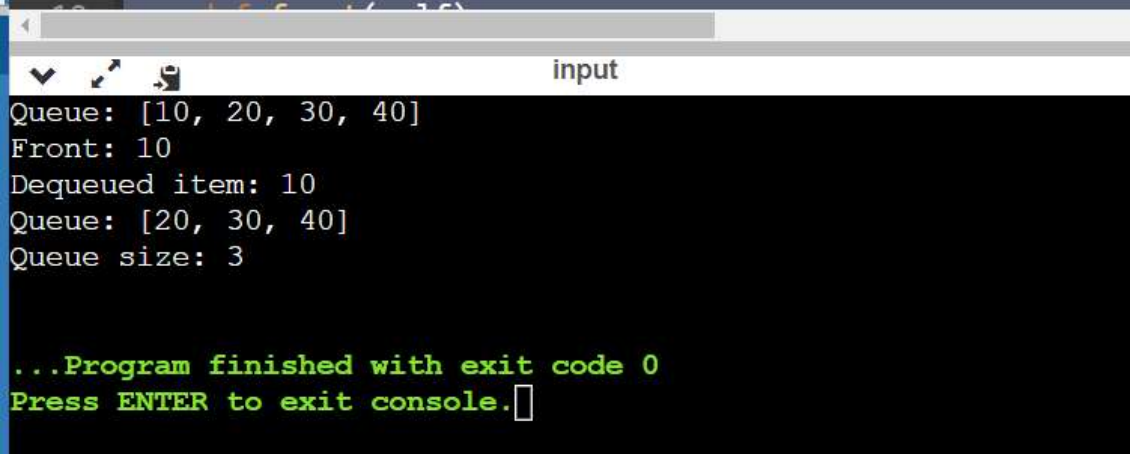
```
Queue: [10, 20, 30, 40]
Front: 10
Dequeued item: 10
Queue: [20, 30, 40]
Queue size: 3


...Program finished with exit code 0
Press ENTER to exit console.
```