Queues

The following data structure is known as a queue:

apple	banana	cherry	donut	eggplant	fig
Front					Rear

1.	What of	oiects	are	at the	e front	and	the	rear	of	the	aueue	?
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2. An add	I operation inserts an item at the rear	of the queue.	What will the queue appear as
following	add(grapes) followed by add(honey) ? (Be sure to	indicate the front and rear of the
queue.			

3. Assuming you began with an initially empty queue, what would the queue appear as after performing the following operations? (Again, be sure to indicate the front and rear of the queue.)

add(pear) add(coconut) add(fudge) add(onion) add(peach)

4. A remove operation removes and returns the item at the front of the queue. What would the queue appear as after performing two remove operations?

apple	banana	cherry	donut	eggplant	fig
Front					Rear

5. Assuming you begin with an initially empty queue, what would the queue appear as after performing the following operations? (Be sure to indicate the front and rear of the queue.)

add(w) add(i) add(n) remove() add(t) add(e) remove() remove() add(r)