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| **Queues TAD** | | | |
| -AQUI SE SUPONE QUE VA SU CONSTRUCCIÓN- | | | |
| -AQUI VA EL INV COMO: {inv: a € Z ∧ b € Z ∧ b≠0}- | | | |
| Primitive operations | | | |
| * Queue |  | * Queue | Constructor |
| * offer | Element | * Boolean | Modifier |
| * pool |  | * Element | Modifier |
| * peek |  | * Element | Analyzer |
| * isEmpty |  | * Boolean | Analyzer |
| * Size |  | * Integer | Analyzer |

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| **Queue** |
| Create an empty queue. |

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| **Offer(Element)** |
| The element is added to the end of the queue. |

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| **pool** |
| Remove and return the element at the beginning of the queue. |

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| **peek** |
| When performing front, you obtain the element at the beginning of the queue without modifying the queue. |

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| **isEmpty** |
| Returns true if the queue is empty; otherwise, it returns false. |

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| **size** |
| Returns the number of elements in the queue. |