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| --- |
| **TAD** Hashtable |
| Hashtable = {Key = {key}, Price = {price}, Quantity = {quantity}} |
| { inv: null } |
| Operaciones primitivas:  ·         Hashtable  ·         getPrice    null -> price  ·         setPrice    price -> null  ·         getQuantity null -> quantity  ·         setQuantity quantity -> null  ·         getKey null -> key  setKey key -> null  print    null -> String |

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| --- |
| Hashtable(int key, double price, int quantity)  **“Constructora”**  “Crea una nueva Hashtable con una llave, precio y cantidad.”    { pre: TRUE }    { pos:  Hashtable = {Key = {key}, Price = {price}, Quantity = {quantity}}} |

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| --- |
| getPrice()  **“Analizadora”**  “Retorna el precio de la Hashtable    {pre:  Hashtable = {key = != null, price != null, quantity != null}}  {pos:  price } |

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| --- |
| setPrice(double price)  **“Modificadora”**  “Cambia el precio de la Hashtable por otro insertado”   {pre:  Hashtable = {key = != null, price != null, quantity != null}}  {pos: :  Hashtable = {…, Price = {price}, …} |

|  |
| --- |
| getQuantity()  **“Analizadora”**  Devuelve el valor de la cantidad de la Hashtable”  {pre:  Hashtable = {key = != null, price != null, quantity != null}}  { pos: quantity} |

|  |
| --- |
| setQuantity(int quantity)  **“Modificadora”**  “Cambia el precio de la Hashtable por otro insertado”  {pre:  Hashtable = {key = != null, price != null, quantity != null}}  {pos: :  Hashtable = {…, …, Quantity = {quantity}} |

|  |
| --- |
| getKey()  **“Analizadora”**  Devuelve la llave de la Hashtable”  {pre:  Hashtable = {key = != null, price != null, quantity != null}}  { pos: key} |

|  |
| --- |
| setKey(int key)  **“Modificadora”**  “Cambia la llave de la Hashtable por otra insertada”  {pre:  Hashtable = {key = != null, price != null, quantity != null}}  {pos: :  Hashtable ={Key = {key}, …, …}} |

|  |
| --- |
| print()  **“Analizadora”**  “Retorna un String con los valores de la llave, precio y cantidad”  {pre:  Hashtable = {key = != null, price != null, quantity != null}}  { pos: key + “ ” + price + “ ” + quantity} |