**std::map Member Functions**

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| **Return Type** | **Function Name** | **Arguments** |
| std::pair<iterator, bool> | **insert** | (std::pair<const key\_type, T> const t) |
| iterator | **insert** | (const\_iterator p, std::pair<const key\_type, T> const t) |
| size\_type | **erase** | (key\_type const k) |
| iterator | **erase** | (const\_iterator q) |
| iterator | **erase** | (const\_iterator q1, const\_iterator q2) |
| void | **clear** | (void) |
| iterator | **find** | (key\_type const k) |
| size\_type | **count** | (key\_type const& k) |
| iterator | **lower\_bound** | (key\_type const k) |
| iterator | **upper\_bound** | (key\_type const k) |

**std::map element access:**

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| **Return Type** | **Access Type** | **Arguments** |
| T | **operator[]** | (const key\_type x) |
| T | **at** | (const key\_type x) |