

# CS240

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# Priority Queue ADT

## Priority Queue ADT

- `add(key, value)` - Adds the item to the priority queue.
- `min()` - Returns, but does not remove, the item with the smallest key as a `(key, value)` tuple.
- `remove_min()` - Removes and returns the item with the smallest key.
- `is_empty()` - Returns a boolean value.
- `len(p)` - Returns number of items in the priority queue `p`.

Implementation?