

Assignment7

```
private LinkedHashMap<Integer, Integer> map;

private final int capacity;

private int size;

public LRUCache(int capacity) {

    this.capacity = capacity;

    this.size = 0;

    map = new LinkedHashMap<Integer, Integer>(capacity,
0.75f, true) {

        protected boolean removeEldestEntry(Map.Entry
eldest) {

            return size() > capacity;

        }

    };

}

public int get(int key) {

    if(!map.containsKey(key)) {

        return -1;

    }

    return map.get(key);

}
```

```
}
```

```
public void put(int key, int value) {
```

```
    map.put(key, value);
```

```
}
```