

ECE462  
9/13/2010

Java

```

template < K, V >
ECE462Map :: ECE462Map () {
    size = 10;
    item = 0;
    keyArray = new key[size];
    valueArray = new value[size];
}

```

```

void ECE462Map :: insert (key k, value v) {
    if (contains (k) == true) {
        return;
    }
    else {
        for (i=0; i < item; i++) {
            if (keyArray [i] == k) {
                if (keyArray [i] == k) {
                    valueArray [i] = v;
                    return;
                }
            }
        }
    }
}

```

```

ECE462Map :: ~ ECE462Map () {
    delete [] key Array;
    delete [] value Array;
}

bool ECE462Map :: contains (key k) {
    for (i=0; i < item; i++) {
        if (keyArray [i] == k) {
            return true;
        }
    }
    return false;
}

```

```

keyArray [item] = k;
keyArray
valueArray [item] = v;
item++;

```

```

ECE462 < string, string > obj;
obj.insert ("ECE", "462");
obj.insert ("Purdue", "IN");

```