class MyHashSet:

def eval\_hash(self, key):

return ((key\*1031237) & (1<<20) - 1)>>5

def \_\_init\_\_(self):

self.arr = [[] for \_ in range(1<<15)]

def add(self, key: int) -> None:

t = self.eval\_hash(key)

if key not in self.arr[t]:

self.arr[t].append(key)

def remove(self, key: int) -> None:

t = self.eval\_hash(key)

if key in self.arr[t]:

self.arr[t].remove(key)

def contains(self, key: int) -> bool:

t = self.eval\_hash(key)

return key in self.arr[t]

# Your MyHashSet object will be instantiated and called as such:

# obj = MyHashSet()

# obj.add(key)

# obj.remove(key)

# param\_3 = obj.contains(key)