

aman@amanlaptop: ~/old/backup/h/StudyMaterial/2ndYear/Java/La... 

aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9\$

aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9\$ java arraylist

First

Second

Third

Random

Cloned ArrayList:[First, Second, Third, Random]

Results after reverse operation:

Random

Third

Second

First

aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9\$ java MyHashSet

[third, first, second]

HashSet content after adding another collection:

[third, first, s1, second, s2]

My HashSet content:

[third, first, s1, second, s2]

Clearing HashSet:

Content After clear:

[]

In hashCode

In hashCode

In hashCode

item: Apple price: 40

item: Orange price: 30

item: Banana price: 20

In hashCode

In equals

Does set contains key? true

```
aman@amanlaptop: ~/old/backup/h/StudyMaterial/2ndYear/Java/La...
[third, first, second]
HashSet content after adding another collection:
[third, first, s1, second, s2]
My HashSet content:
[third, first, s1, second, s2]
Clearing HashSet:
Content After clear:
[]
In hashCode
In hashCode
In hashCode
item: Apple price: 40
item: Orange price: 30
item: Banana price: 20
In hashCode
In equals
Does set contains key? true
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$ java MyHashMap

{third=THIRD INSERTED, first=FIRST INSERTED, second=SECOND INSERTED}
The hashmap contains value SECOND INSERTED
The hashmap does not contains value first
The hashmap contains key first
The hashmap does not contains key fifth
{third=THIRD INSERTED, first=FIRST INSERTED, second=SECOND INSERTED}
third
first
second
third ==> THIRD INSERTED
first ==> FIRST INSERTED
second ==> SECOND INSERTED
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$
```

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aman@amanlaptop: ~/old/backup/h/StudyMaterial/2ndYear/Java/La...
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$ java threadand
runnable2
thread is running...
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$ java oddeven
0
2
4
6
8
10
1
3
5
7
9
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$
```

```
aman@amanlaptop: ~/old/backup/h/StudyMaterial/2ndYear/Java/La...
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$ java threadandrunnable2
thread is running...
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$ java oddeven
0
2
4
6
8
10
1
3
5
7
9
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$ javac ten.java
```

```
aman@amanlaptop: ~/old/backup/h/StudyMaterial/2ndYear/Java/La...
aman@amanlaptop:~/old/backup/h/StudyMaterial/2ndYear/Java/Lab/EXP9$ java ten
Thread-0
1
Thread-7
2
Thread-6
3
Thread-3
4
Thread-5
5
Thread-1
6
Thread-2
7
Thread-4
8
```