

Experiment 9

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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
```

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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$
```

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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$ javac ten.java
```

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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
```