**How to Iterate over a Set/HashSet**

[**JAVA.UTIL PACKAGE**](http://beginnersbook.com/category/java-util-package/)

There are following two ways to iterate through HashSet:  
1) Using Iterator  
2) Without using Iterator

**Example 1: Using Iterator**

import java.util.HashSet;

import java.util.Iterator;

class IterateHashSet{

public static void main(String[] args) {

// Create a HashSet

HashSet<String> hset = new HashSet<String>();

//add elements to HashSet

hset.add("Chaitanya");

hset.add("Rahul");

hset.add("Tim");

hset.add("Rick");

hset.add("Harry");

Iterator<String> it = hset.iterator();

while(it.hasNext()){

System.out.println(it.next());

}

}

}

**Output:**

Chaitanya

Rick

Harry

Rahul

Tim

**Example 2: Iterate without using Iterator**

import java.util.HashSet;

import java.util.Set;

class IterateHashSet{

public static void main(String[] args) {

// Create a HashSet

Set<String> hset = new HashSet<String>();

//add elements to HashSet

hset.add("Chaitanya");

hset.add("Rahul");

hset.add("Tim");

hset.add("Rick");

hset.add("Harry");

for (String temp : hset) {

System.out.println(temp);

}

}

}

**Output:**

Chaitanya

Rick

Harry

Rahul

Tim