**package** www;

**import** java.util.Iterator;

**import** java.util.PriorityQueue;

**public** **class** PPriority

{

**public** **static** **void** main(String args[])

{

PriorityQueue<String> queue=**new** PriorityQueue<String>();

queue.add("Rohit Sharma");

queue.add("KL Rahul");

queue.add("Virat Kohli");

queue.add("MSD");

System.***out***.println("head:"+queue.element());

System.***out***.println("head:"+queue.peek());

System.***out***.println("iterating the queue elements:");

Iterator itr=queue.iterator();

**while**(itr.hasNext()){

System.***out***.println(itr.next());

}

queue.remove();

queue.poll();

System.***out***.println("after removing two elements:");

Iterator<String> itr2=queue.iterator();

**while**(itr2.hasNext()){

System.***out***.println(itr2.next());

}

}

}

***OUTPUT***

head:KL Rahul

head:KL Rahul

iterating the queue elements:

KL Rahul

MSD

Virat Kohli

Rohit Sharma

after removing two elements:

Rohit Sharma

Virat Kohli