ArrayList<E> theData = new ArrayList<E>();

1. If(theData.empty) { theData.add(new E()); }
2. E obj = new E(theData.peek());
3. E removeObj = theData.pop();
4. E oldObj = theData.push(newObj);

Second section:

1. [Jane, Dustin, Robin, Debbie, Rich]
   [Joseph, Dustin, Robin, Debbie, Rich]
   [Dustin, Robin, Debbie, Rich] – String top = Joseph
   [Dustin, Robin, Debbie, Rich] – String nextTop = Dustin
2. Phillip
   Dustin
   Robin
   Debbie
   Rich
3. This would result in an infinite loop while also printing "Phillip".