```
WRITTEN 1.
public static void printLots (ArrayList<Integer> L, ArrayList<Integer> P) {
           Iterator<Integer> iter = P.iterator();
           while(iter.hasNext()) {
                int indx = iter.next();
                //System.out.println(indx);
                if (indx > L.size()) {
                            System.out.println("Out of bound");
                            throw new IndexOutOfBoundsException();
                }
                Iterator<Integer> iterl = L.iterator();
                int counter = 0;
                while (iterl.hasNext()) {
                      counter++;
                      int l = iterl.next();
                      if(counter==indx+1) {
                            System.out.println(1);
                      }
                }
           }
     }
WRITTEN 2.
     public static void Intersect (List<Integer> L, List<Integer> P) {
           Iterator<Integer> iter = P.iterator();
           while(iter.hasNext()) {
                int num = iter.next();
                if (L.contains(num)) {
                      System.out.println(num);
                }
           }
     }
```

Private int &1200; private int top 1, top 2, private int arr[]; Mablic Two stacks (int size) d U. Size = size; arr = new int[size] top1 = 0; topa = Size = 1; public void push 1 (int 2) of if (top1 Stop2) 4 out of arritop 17 = xi else of top I that; is 3 Pr System. put. prinly ("Stack Overflow") & & public void pop 1() & if (top 1 == 0) of System out print In (" Empty") else i top1 - tij v= arr[hp1]; return (v) public void pusha (int x) of is (top 1 5 top 2) d arr[top@] = x; topa-- i di i di else of Print ("stack Overflow") 4

Written #3.

public T popa() of

if (top 2 == 51ze-1) of

print ("Stack 2 is Empty") of

else of

top 2 ++;

-(v = arr [top 2];

retrn(v)

public is Empty 1() d

if (fop 1 == 0) d

return Tive; y

return False;

public is Empty all

if (topa = = size-1) d

return Time; y

return False; y.

public size 11) d
return top 1-1:19

Public size 2() of return size - topa - 1; }

indytes: in circles: Example of non-arrangelolp train yard