Canadian Computing Competition Senior 2015 - Editorial

Horatiu Stefan Lazu

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1 CCC 2015 S1 - Zero That Out!

1.1 Explanation

The solution to this problem involves using an abstract data type called a Stack. Stacks are a FILO (First-In-Last-Out) data structure. The methods of interest in a Stack include: push(), pop(), size() and poll(). The push() method adds more numbers to the Stack, pop() removes the top-most item, size() returns the size and poll() returns the top most item but does not remove it. To solve this problem, we simply go through our Stack and push() numbers when the number is not zero, and pop() when it is equal to zero. After we are done, we go linearly through our Stack and add all the sums and return the answer.

1.2 Java Code

```java
int dictated = Integer.parseInt(in.readLine());
Stack a = new Stack<Integer>();
for(int i = 0; i < dictated; i++){
   int num = Integer.parseInt(in.readLine());
   if (num == 0){
      a.pop();
   }
   else{
      a.push(num);
   }
}
Integer sum = 0;
while(!a.isEmpty()){
   sum += (Integer)a.pop();
}
System.out.println(sum);
```

2 CCC 2015 S2 - Jerseys

2.1 Explanation

The solution to this problem involves using an abstract data type called a Stack. Stacks are a FILO (First-In-Last-Out) data structure. The methods of interest in a Stack include: push()

2.2 LOL code

gfdgdg code

2.3 Subsection

This is a subsection!

LOL Hi world. Some paragraphs