The method "printNonzero" aims to print out all of the **non-zero** elements of * 1 point
an ArrayList using an iterator. What is the output of the method according
to its current implementation below?

```java
public void printNonzero() {
        List<Integer> list = new ArrayList<>();
        list.add(0);
        list.add(1);
        list.add(2);

        Iterator<Integer> seer = list.iterator();
        while (seer.hasNext()) {
                if (seer.next() != 0) {
                        System.out.println(seer.next());
                }
        }
}
```

○ 0, 1, 2

○ 1, 2

○ 1

○ 2

What is the output after running the main method below and why? * 1 point

```java
public class Corgi {
        private String name;

        public Corgi(String name) {
                this.name = name;
        }

        @Override
        public boolean equals(Corgi c) {
                return this.name.equals(c.name);
        }

        public static void main (String[] args) {
                Corgi c1 = new Corgi("Jojo");
                Corgi c2 = new Corgi("Jojo");
                System.out.println(c1.equals(c2));
        }
}
```

○ true, the corgis have the same name

○ false, the corgis have different memory addresses

○ Compiler Error, the equals method has the wrong signature

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