

Q1 Instructions

0 Points

To receive full credit on this quiz, you must score at least 50%.

The Github repo for Lecture 24 is at:

<https://github.com/ucsd-cse12-w21/ucsd-cse12-w21.github.io/tree/master/lectures/lecture-24>

Q2 Iterable

1 Point

Which of the following interfaces is required by Java to use a data structure in an enhanced for loop:

- ☐ List
- ☐ Iterator
- ☒ Iterable
- ☐ Collection

Q3 Iterable

1 Point

Which of the following interfaces is returned by an Iterable's iterator() method:

- ☐ List
- ☒ Iterator
- ☐ Iterable
- ☐ Collection

Q4 Iterator

1 Point

Which is the proper way to implement next() for an Iterator:

- ☐ return value
- ☒ save value, update to next element, return saved value
- ☐ update to next element, return value
- ☐ save value, return saved value
- ☐ return value, update to next element

Q5 Types

1 Point

```
interface Function<T, R> {  
    R apply(T t);  
}
```

Which of the following are true about the Function interface's type parameters:

☒ T is the type of the input to the function

☐ T is the type of the result of the function

☐ R is the type of the input to the function

☒ R is the type of the result of the function

