## Either class from the vavr.io library in Java:

1. **Question:** What is the Either class in the Vavr library (vavr.io)?

**Answer:** C and D.

1. A class that allows modifying immutable objects in Java.
2. A class used to handle exceptions at compile time.
3. A class that represents one of two possible values .
4. A class that provides a monadic API for working with success or error values .
5. **Question:** What is the advantage of using Either instead of traditional exceptions?

**Answer:** A.

1. Either provides a more explicit way to handle success results or errors, avoiding unhandled exceptions.
2. Either allows you to modify immutable objects in Java.
3. Either is used to handle exceptions at compile time.
4. Either provides an optimization in the use of the error stack .
5. **Question:** In what situations is it useful to use Either instead of other error handling approaches?

**Answer:** A.

1. Either is especially useful when you want to explicitly handle success and error cases in your business logic.
2. Either is used exclusively to handle compile-time errors.
3. Either is better suited for web applications than desktop applications.
4. Either is useful only when you need to handle unhandled errors.
5. **Question:** How do you create an instance of Either in Vavr (vavr.io) ?

**Answer:** C and D.

1. You can create an Either using the new operator.
2. You can create an Either using the either() , error() , or success() method of the Vavr class.
3. You can create an Either using the right() static method .
4. You can create an Either using the left() static method.
5. **Question:** Mention at least three methods that are used to work with the values inside an Either:

**Answer:** B.

1. You can use tryCatch(), recover(), getOrElse() methods .
2. You can use fold(), map(), flatMap() methods.
3. You can use filter(), peek(), orElse() methods.
4. You can use validate(), transform(), toOption() methods.