Software Engineering Design & Construction

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Guess the Pattern

Identify the Design Pattern...

```
public abstract class AbstractSequentialList<E> extends AbstractList<E> {
    protected AbstractSequentialList() { }
    public E get(int index) {
        try {
            return listIterator(index).next();
        } catch (NoSuchElementException exc) {
            throw new IndexOutOfBoundsException("Index: "+index);
        }
    }
    ""
    public abstract ListIterator<E> listIterator(int index);
}
```

Template Method Pattern (The template method is the get method.)

Identify the Design Pattern...

Factory Method

Do not forget

In most cases more context is required to correctly identify the used pattern.

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