



Data structure

```
class StackArrayBased{
    final int MAX_STACK = 50;
    private Object items[ ];
    private int top;
    ...};
```

```
public class StackArrayBased
    implements StackInterface{

    final int MAX_STACK = 50;
    private Object items[ ];
    private int top;

    public StackArrayBased( ){
        items = new Object[MAX_STACK];
        top = -1;
    } // end default constructor;

    public boolean isEmpty( ){
        return top < 0; } // end isEmpty

    .....}
```