



Data structure

```
class StackReferenceBased{
    private Node top;
    ...}
```

```
class Node{
    Object item;
    Node next;
    ...}
```

```
public class StackReferenceBased
    implements StackInterface{

    private Node top;

    public StackReferenceBased(){
        top = null;
    } // end default constructor;

    public boolean isEmpty(){
        return top == null; } // end isEmpty
    .....}
```

Implementation