```
/* Java program to implement basic stack
   operations */
class Stack
{
    static final int MAX = 1000;
    int top;
    int a[] = new int[MAX]; // Maximum size of Stack

    boolean isEmpty()
    {
        return (top < 0);
    }
    Stack()
    {
        top = -1;
    }

    boolean push(int x)
    {
        if (top >= (MAX-1))
        {
            System.out.println("Stack Overflow");
            return false;
        }
        else
        {
            a[++top] = x;
            return true;
        }
    }

    int pop()
    {
        if (top < 0)
        {
            System.out.println("Stack Underflow");
            return 0;
        }
        else
        {
            int x = a[top--];
            return x;
        }
    }
}

// Driver code
class Main
{
    public static void main(String args[])
    {
        Stack s = new Stack();
        s.push(10);
        s.push(20);
        s.push(30);
        System.out.println(s.pop() + " Popped from stack");
    }
}
```