```
import java.util.*;
class Main {

static class StackWithMax
{
   static Stack<Integer> mainStack = new Stack<Integer> ();

   static Stack<Integer> trackStack = new Stack<Integer> ();

static void push(int x)
   {
      mainStack.push(x);
      if (mainStack.size() == 1)
      {
         trackStack.push(x);
         return;
      }

      if (x > trackStack.peek())
         trackStack.push(x);
      else
         trackStack.push(trackStack.peek());
   }

   static int getMax()
   {
      return trackStack.peek();
   }

   static void pop()
   {
```

```
        mainStack.pop();
        trackStack.pop();
    }
};

public static void main(String[] args)
{
    StackWithMax s = new StackWithMax();
    s.push(1220);
    s.push(2220);
    s.push(5220);
    s.push(7220);

    s.push(5550);
    System.out.println("Max element is:"+s.getMax());
}
}
```