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```
package AsdStsack;

import java.util.Stack;

public class javaStack {

    public static void main(String[] args) {
        Stack<String> animals = new Stack<>();

        animals.push("Dog");
        animals.push("Hourse");
        animals.push("Cat");
        animals.push("Tiger");

        System.out.println("Stack : " + animals + "\n");

        //remove element from stack
        String element = animals.pop();

        System.out.println(" POP -> Rmved Element : " + element);
        System.out.println("Stack : " + animals + "\n");

        //peek element stack
        element = animals.peek();
        System.out.println("PEEK -> Element : " + element);
        System.out.println("Stack : " + animals + "\n");

        //search an element
        int position = animals.search("Cat");
        System.out.println("Position of search : " + position);
        System.out.println("Stack : " + animals + "\n");

        //check if stack is empty
        boolean result = animals.empty();
        System.out.println("Is the stack empty? " + result);

    }
}
```

