

```
public class HayStack {

    public static int findNeedle(String[] arrHayStack)
    {

        int index = 0;

        for(int i = 0; i<=arrHayStack.length; i++)
        {
            if(arrHayStack[i].equals("needle"))
            {
                index = i;
                return index;
            }
        }
        return index;
    }

    public static String[] modifyHayStack(String[] array)
    {
        String [] newArray = new String [array.length];
        for(int i = 0; i<array.length; i++)
        {
            if(array[i].equals("needle"))
            {
                array[i]= "found";
            }
            else
            {
                array[i] = "Hay";
            }
        }
        return array;
    }

}

import java.util.Arrays;

public class TestHayStack {

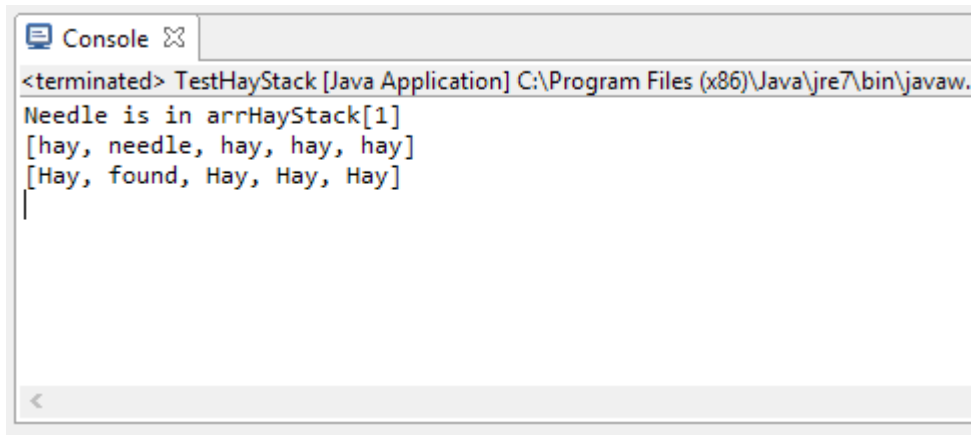
    public static void main(String [] args) throws Exception{

        String [] arrHayStack ={"hay", "needle", "hay", "hay", "hay"};

        int number = HayStack.findNeedle(arrHayStack);
        System.out.println("Needle is in arrHayStack["+number+"]");
    }
}
```

```
System.out.println(Arrays.toString(arrHayStack));  
  
String [] newArrHayStack = HayStack.modifyHayStack(arrHayStack);  
System.out.println(Arrays.toString(newArrHayStack));  
  
}
```

```
}
```



The screenshot shows a console window titled "Console" with a close button. The output text is as follows:

```
<terminated> TestHayStack [Java Application] C:\Program Files (x86)\Java\jre7\bin\javaw.  
Needle is in arrHayStack[1]  
[hay, needle, hay, hay, hay]  
[Hay, found, Hay, Hay, Hay]  
|  
  
<
```