```java
package method_programs;

public class binary {


public static int binarys(int num[],int t,int r ,int l) {
    while(l<=r) {
    int mid=l+(r-l)/2;
    //mid[];

    if(num[mid]==t) {
    return mid;
    }
    if(t>num[mid]) {
    l=mid+1;
    }
    else {
    r=mid-1;
    }
    }
    return -1;
    //return mid(arr.length-1);
}

    public static void main(String[] args){
        int num[]= {-1,0,3,5,9,12};
        int n=num.length;
        int t=9;
        int loc=binarys(num,t,n-1,0);
        //int mid=0;
        if(loc==-1)
            System.out.println("Element not found");
        else
            System.out.println("Element found at location is
:"+loc);

    //System.out.println();
    }
```

output :

Element found at location is :4

}