```java
package practice;

public class binarysquareroot {


public static int binarys(int num[],int t,int r ,int l) {
    while(l<=r) {
    int mid=l+(r-l)/2;
    //mid[];
     int ans;
    ans=(int)Math.sqrt(t);
    if(num[mid]==t) {
    return mid;
    }
    if(t<num[mid]) {
        ans=mid;
    l=mid+1;

    }
    else {
    r=mid-1;
    }
    }
    //int ans;
    return -1;
    //return mid(arr.length-1);
}

    public static void main(String[] args){
        int num[]= {-1,0,3,5,8,12};
        int n=num.length;
        int t=8;
        int s=binarys(num,t,n-1,0);
        //int mid=0;
        if(s==-1)
            System.out.println("Element not found");
        else
            System.out.println("Element found squareroot is
:"+num);
```

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        //System.out.println();

    }
    }
```