

FindMin.java

```
////////////////////////////////////  
//www.karamian.com  
//Program FindMin  
////////////////////////////////////  
public class FindMin  
{  
    static int completed=0;  
    static int call=0;  
    public static int findMin(int []a, int m, int n)  
    {  
        call++;  
        System.out.println("This call has the call number= "+ call);  
        System.out.println("The value of n= "+ n);  
        if(n==a.length)  
        {  
            completed++;  
            System.out.println("A call has been completed");  
            System.out.println("The call number of completed calls= "+ completed);  
            System.out.println("The returned value= " +a[m]);  
            return a[m];  
        }  
        if(a[m]<a[n])  
        {  
            completed++;  
            System.out.println("A call has been completed");  
            System.out.println("The call number of completed calls= "+ completed);  
            System.out.println("The returned value= "+ a[m]);  
            return findMin(a, m, n+1);  
        }  
        else  
        {  
            completed++;  
            System.out.println("A call has been completed");  
            System.out.println("The call number of completed calls= "+ completed);  
            System.out.println("The returned value= "+ a[n]);  
            return findMin(a, n, n+1);  
        }  
    }  
}
```