

Phase-1 Practice Project: Assisted Practice

1. Writing a program in java implementing the linear search algorithm.

Source code:

```
public class LinearSearch {  
  
    public static void main(String args[]) {  
  
        int array[]={20,10,69,36,75,52};  
        int size=array.length;  
        int value=36;  
  
        for(int i=0;i<size-1;i++) {  
            if(array[i]==value) {  
  
                System.out.println("Element found index is:"+ i);  
            }else {  
  
                System.out.println("Element not found");  
            }  
        }  
    }  
}
```

Output:

