Java internship Week 2 assignment

To do list

-By P.Tejaswini Reddy

package java\_todo;  
import java.util.\*;  
  
public class List\_to\_do {  
  
 private ArrayList<String> tasklist = new ArrayList<>();  
 public void displayList(){  
 System.out.println("~~~~\"TO DO LIST\"~~~~");  
 if(tasklist.isEmpty()){  
 System.out.println(" \"YOUR TO DO LIST IS EMPTY\"");  
 }  
 else{  
 System.out.println("Your TO DO LIST is:");  
 for(int i=0;i<tasklist.size();i++)  
 System.out.println((i+1)+". Your task is "+tasklist.get(i));  
 }  
 }  
 public void addtask(String doit){  
 tasklist.add(doit);  
 System.out.println("Task to "+doit+" is added");}  
  
 public void removetask(int doit\_index){  
 if(isindexvalid(doit\_index)) {  
 String removedtask = tasklist.remove(doit\_index);  
 System.out.println("Task removed is : " + removedtask);  
 }  
 else  
 System.out.println("In valid task index ,Hence no task can be removed");  
  
 }  
 public boolean isindexvalid(int do\_it\_index){  
 if(do\_it\_index>=0 && do\_it\_index<tasklist.size())  
 return true;  
 else  
 return false;  
 }  
  
  
public static void main(String args[]){  
 List\_to\_do todo\_list=new List\_to\_do();  
 Scanner in=new Scanner(System.in);  
 int n;  
 do{  
 System.out.println("~~~~~~~MENU~~~~~~~");  
 System.out.println("1.Display the list of tasks");  
 System.out.println("2.Add the task to todolist");  
 System.out.println("3.Remove the task from todolist");  
 System.out.println("4.Exit from menu");  
 n= in.nextInt();  
 in.nextLine();  
 switch(n){  
 case 1:todo\_list.displayList();  
 break;  
 case 2:  
 System.out.println("Enter the task to be added :");  
 String taskadd=in.nextLine();  
  
 todo\_list.addtask(taskadd);  
 break;  
 case 3:  
 System.out.println("Enter the taskid which need to be removed");  
 int id=in.nextInt();  
 todo\_list.removetask(id-1);  
 break;  
 case 4:System.out.println("Exiting!!!");  
 break;  
 default:System.out.println("In valid choice,Enter correctly ");  
 }  
 }while(n!=4);  
 }  
  
}