

Validation of email-ID : Source Code

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package package1;

import java.util.LinkedList;
import java.util.Iterator;
import java.util.Scanner;

public class testEmailID {

    public static void main(String[] args) {

        boolean flag=false;
        int choice;
        int c;
        boolean b;
        int index;
        Scanner sc = new Scanner(System.in);
        // creating linked list object
        LinkedList<String> obj = new LinkedList<String>();

        do {
            System.out.println("***** MAIN MENU *****");
            System.out.println("Choose\n1 to Add email-ID\n2 to Search email-ID");
            System.out.println("3 to Display all email-IDs\n4 to Exit");
            System.out.println("-----");
            System.out.println("Enter you choice: ");
            choice=sc.nextInt();

            switch(choice) {

                case 1 :

                    System.out.println("----- ADD MENU -----");
                    System.out.println("Enter email-ID:");
                    String mail= sc.next();
                    obj.add(mail);
                    System.out.println("Do you want to try again? \nEnter 1 for Yes and 0
for No");

                    c=sc.nextInt();
                    if(c==1) {
                        //obj.add(mail);
                        flag=true;
                        break;
                    }
                    else {
                        System.out.println("***** TERMINATED
*****");
                        System.out.println("***** THANK YOU
*****");

                        flag=false;
                        break;
                    }

                case 2:

                    System.out.println("----- SEARCH MENU -----");

                    System.out.println("Enter the email-ID to be searched:");
                    String mail2 = sc.next();
                    b = obj.contains(mail2);
                    if(b==true) {
                        index=obj.indexOf(mail2);
                        System.out.println("-----");
                    }
                }
            }
        }
    }
}
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        System.out.println(" email-ID found at :"+index);
        System.out.println("-----");
    }
    else {
        System.out.println("email-ID not found!!!\n");
    }
    System.out.println("Do you want to try again? \nEnter 1 for Yes and 0
for No");

    c=sc.nextInt();
    if(c==1) {
        flag=true;
        break;
    }
    else {
        System.out.println("***** TERMINATED
*****");
        System.out.println("***** THANK YOU
*****");
        flag=false;
        break;
    }
}

case 3 :

    System.out.println("----- Printing all email_IDs -----
-----");

    Iterator itr = obj.iterator();
    while(itr.hasNext()) {
        System.out.println(itr.next());
    }
    System.out.println("Do you want to try again? \nEnter 1 for Yes and 0
for No");

    c=sc.nextInt();
    if(c==1) {
        flag=true;
        break;
    }
    else {
        System.out.println("***** TERMINATED
*****");
        System.out.println("***** THANK YOU
*****");
        flag=false;
        break;
    }
}

case 4 :

    System.out.println("***** TERMINATED
*****");
    System.out.println("***** THANK YOU
*****");
    flag=false;
    break;

default :

    System.out.println("Wrong choice selected!!!");
    System.out.println("Try again.\n\n");
    System.out.println("Do you want to try again? \n Enter 1 for Yes and
0 for No");

    c=sc.nextInt();
    if(c==1) {
        flag=true;
        break;
    }
    else {
        System.out.println("***** TERMINATED
*****");
        System.out.println("***** THANK YOU
*****");
        flag=false;

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                break;
            }
        }
    }
    while(flag==true);
}
```