

```

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

public class iterator {
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        LinkedList<String> ls = new LinkedList<String>();
        System.out.println("Enter the operation to be perofrmed.");
        int choice;
        boolean flag = true;
        while(flag) {
            System.out.print("1.Insert\t2.Display\t3.Exit : ");
            choice = sc.nextInt();
            String str;
            switch(choice) {
                case 1 : System.out.print("Enter the string : ");
                        str = sc.next();
                        ls.add(str);
                        break;

                case 2 : if(ls.isEmpty())
                        System.out.println("Linked List is
empty.");
                        else {
                            Iterator<String> it = ls.iterator();
                            while(it.hasNext()) {
                                String s = it.next();
                                if(s.length() < 5)
                                    System.out.print(s + " ");
                            }
                            System.out.println();
                        }
                        break;

                case 3 : flag = false;
                        break;

                default : System.out.println("Invalid input.");
                        break;
            }
        }
    }
}

```