

```

package mylist;
public class Main {

    public static void main(String[] args) {
        MyList ml = new MyList();

        ml.addFirst(3);
        ml.addFirst(2);
        ml.addFirst(1);
        ml.addFirst(4);

        int pocet = ml.size();
        System.out.println(pocet);
    }
}

```

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```

package mylist;
public class MyList {

    Element hlava;

    public int size() {
        int celkem = 0;
        for (Element prvek = hlava; prvek != null; prvek = prvek.dalsi) {
            celkem = celkem + 1;
        } // for
        return celkem;
    } // size

    public MyList() {
        this.hlava = null;
    } // konstruktor

    public void addFirst(int x) {
        Element e = new Element(x, this.hlava);
        hlava = e;
    } // addFirst
}

```

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```

package mylist;
public class Element {

    int x;
    Element dalsi; //promenna referencniho typu

    Element (int x, Element dalsi){
        this.x = x;
        this.dalsi = dalsi;
    } //konstruktor
}

```