

Question 1

[10 marks]

Define a visitor for a `BRStruct<Integer>` which returns, as an `Integer`, the largest of all the `Integers` contained in the `BRStruct`.

```
public class QuizVisitor implements IAlgo<Object,Integer,Integer> {
```

```
    public Integer emptyCase(BRStruct<Integer> host, Object _) {
```

```
    }
```

```
    public Integer nonEmptyCase(BRStruct<Integer> host, Object _) {
```

```
    }
```

```
}
```

Quiz #2 — t.b.d.%

Name (print, surname first): _____

Monday, April 18, 2007

Signature: _____

15 minutes

Serial number: _____

Person #: _____

This assessment has 2 pages. Check that you have a complete paper.

Each candidate should be prepared to produce, upon request, his or her SUNY/UB card.

This examination has 1 questions. Answer all 1 questions.

READ AND OBSERVE THE FOLLOWING RULES:

- ▷ Write the following, in ink, in the space provided above,
 - ◊ your name, surname first,
 - ◊ your usual signature, and
 - ◊ your UB person number,
- ▷ All of your writing must be handed in. This booklet must not be torn or mutilated in any way, and must not be taken from the examination room.
- ▷ Show all of your work in arriving at an answer, unless instructed otherwise. Partial credit will be awarded as appropriate.
- ▷ Candidates are not permitted to ask questions of the invigilators, except in cases of supposed errors or ambiguities in examination questions.
- ▷ **CAUTION** — Candidates guilty of any of the following, or similar, dishonest practices shall be immediately dismissed from the examination and shall be liable to disciplinary action.
 - ◊ Making use of any books, papers or memoranda, calculators or computers, audio or visual cassette players, or other memory aid devices, other than those *explicitly authorised* by the examiners.
 - ◊ Speaking or communicating with other candidates.
 - ◊ Purposely exposing written papers to the view of other candidates. The plea of accident or forgetfulness shall not be received.

Do not write below this line!

Question	Points
1	/10
TOTAL	/10