

## Quiz 2

Quiz directions: please answer all questions clearly, concisely, and legibly.

1. (2 points) What makes Object References a powerful concept in distributed object computing?

2. (3 points) When would you use the *in*, *out* and *inout* directional attribute?

3. (4 points)

Exception Design:

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Consider the following interface which provides a database lookup operation:

```
interface DB{
    typedef sequence<Record> ResultSeq;
    typedef string           QueryType;

    exception NotFound{                // Hint: Bad Approach
        QueryType failed_query;
    };

    ResultSeq lookup (in QueryType query) raises (NotFound);
};
```

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List 4 flaws with the above design.

