FbSR to FbOb translation

We are just going to encode objects on the fly as opposed to actually using classes. This is because the lifetime of the state or records is only the time of the expression itself.

Name: Srinivas Suresh Kumar

JHED: ssures11

Collaborators: Rohit Ravoori, Alex Owen

Note: There is nothing special about the getter and setter functions. They are absolutely the same ones from the textbook examples of FbOb. Therefore for brevity and neatness I am NOT redefining them here

Meth

```
getReference = ... (* Returns the reference*)
setReference = ... (* Assigns a value to reference*)
```

- 4. toFbOb(! e) = toFbOb(e).getReference
- 5. $toFbOb(e_1 := e_2) = toFbOb(e_1).setReference(toFbOb(e_2))$
- 6. All other rules for any expression are the same aka homomorphic