Code: Defining Assets

The code for defining the assets is as follows:

```
1.  concept Trace {
2.  o DateTime timestamp
3.  o Address location
4.  --> Trader company
5.  }
6.
7.  asset Commodity identified by commodityid {
8.  o String commodityid
9.  o String name
10. o String description
11. o Double quantity
12. o Double unitPrice optional
13. o Double totalPrice optional
14. o Trace[] trace
15. --> PO purchaseOrder optional
16. --> Trader owner optional
17. --> Trader issuer optional
18. }
19.
20. asset PO identified by orderid {
21. o String orderid
22. o Commodity[] itemList
23. o Double orderTotalPrice optional
24. o OrderStatus orderStatus optional
25. --> Trader orderer
26. --> Trader vendor
27. }
28.
29. enum OrderStatus {
30. o INITIATED
31. o CONFIRMED
32. o DELIVERING
33. o DELIVERED
34. }
```