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Module: INF2011S

1.

(i) OrderItem and Product.

(ii) I chose these two classes because, they have the critical information needed to create an order. OrderItem has the quantity information and product has the price and productID information, all of this information is critical in creating an order.

2.

(i) Order and OrderItem.

(ii) Order creates the OrderItem object, because the Order contains items and the OrderItem creates the product object, because the OrderItem contains products.

3.

Less coupling because there are few relationships between the modules.

4.

You must first create an enumeration class for the status, and then you must link it with the Order class then inside the Order class the order_status variable will have the name of the enumeration class (Status).

5.

The association between the Order class and Customer class shows that a single customer can have one or more orders at a time.