# Object Oriented Programming 1
## Lab Manual: 03

Lab Task:

1. Lab Review, and start with unfinished classes from Lab_02
2. Develop Java classes

**Note: Student <span style="color:red">must</span> follow the name of class, member variables, and functions. And students <span style="color:red">should</span> use fully qualified names for these, as well <span style="color:red">camel notions</span>. And the <span style="color:red">syntax alignment</span> has to be as it should be.**

1.Read at the following class descriptions carefully and develop the class.

| Product |
| --- |
| String productId<br>String productName<br>double price<br>int availableQuantity |
| void setProductId(String productId)<br>void setProductName(String productName)<br>void setPrice(double price)<br>void setAvailableQuantity(int availableQuantity)<br>String getProductId( )<br>String getProductName( )<br>double getPrice( )<br>int getAvailableQuantity( )<br>void showDetails( ) |

2. Develop Java Classes:

| Mobile | String mobileOwnerName<br>String mobileNumber // SIM number<br>String mobileBalance<br>String mobileOSName<br>boolean lock // true means phone is lock false means | |
| --- | --- | --- |

| | unlock | |
|---|---|---|
| | void showInfo() <br> void recharge(int amount) <br> void callSomeone(int timeDuration) // per minute cost=1 taka | Lock has to be false to show or recharge or call someone, so check the lock flag/Boolean variable |
| | | |