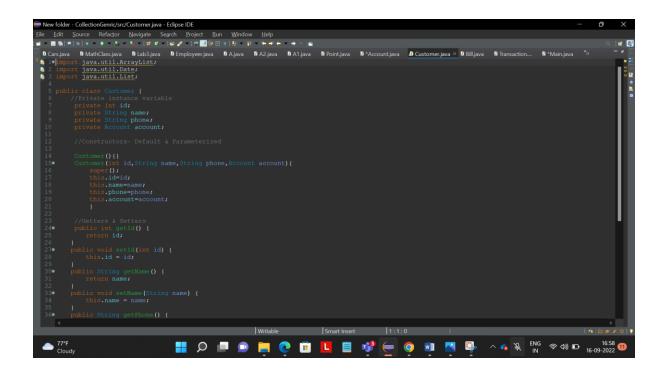
```
public class Account []

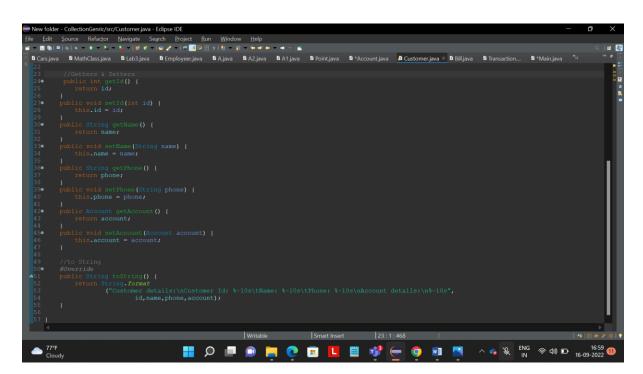
//Private instance variable
private int acctno;
private double balance;

//Constructors- Default & Parameterized
Account(){}
Account(int acctno, double balance){
    super();
    this.acctno=acctno;
    this.balance=balance;
}

//Getter & Setter
public int getAcctno() {
    return acctno;
}
public void setAcctno(int acctno) {
    this.acctno = acctno;
}
public double getBalance() {
    return balance;
}
public void setBalance(double balance) {
    this.balance = balance;
}

//toString
@Override
goublic String toString() {
    return String.format("AccountNo: %-10s\tBalance:$%-10s",acctno,balance);
}
```





```
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                                           ass Bill {
vate Instance Variable
te int id;
te int custid;
te Date billGenerationDate;
te Date billFaymentDate;
te double amount;
te boolean paid;
                                           c Bill(int id, int custid, Date billGenerationDate, Date billPaymentDate, double amount, boolean paid) {
    his.id = id;
    his.custid = custid;
    his.billGenerationDate = billGenerationDate;
    his.billTaymentDate = billPaymentDate;
    his.amount = amount;
    his.paid = paid;
                                                                                                                                                                                                                           Smart Insert
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```
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                                                   17:38 (IN S 40) ID 16:09:2022 (III)
  //Methods-Pay Method
public void payBill() {
    for (Bill bill: billList) {
        int custid = bill.getCustid();
        Customer customer = getCustomer(custid);
        if(customer == null) {
            System.out.println(String.format("Customer with customer id %d does not exists", custid));
            continue;
        }
}
                continue,
}
double balance = customer.getAccount().getBalance();
if(balance >= bill.getAmount()) {
   bill.setPaid(true);
   bill.setBillPaymentDate(new Date());
   customer.getAccount().setBalance(balance-bill.getAmount());
   System.out.println(String.format("Bill paid for customer id %d",custid));
lelge(
                 }else{
   bill.setPaid(false);
   System.out.println(String.format("Bill cannot be paid for customer id %d",custid));
                System.out.println(customer);
System.out.println(bill);
```

