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Practical 8  
OOP  
Sem 3  
Batch 31  
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### **Encapsulation:-**

#### **Bank Account Management**

- Encapsulate the balance and account number of a bank account and provide controlled access through getters and setters.

#### **Employee Details**

- Encapsulate the details of an employee, such as name, age, and salary, and provide controlled access through getters and setters.

Code:

```
public class Prac_8 {  
    private int balance;  
    private int accountNumber;  
  
    public int getBalance() {  
        return balance;  
    }  
  
    public void setBalance(int balance) {  
        this.balance = balance;  
    }  
  
    public int getAccountNumber() {  
        return accountNumber;  
    }  
}
```

```
public void setAccountNumber(int accountNumber) {  
  
    this.accountNumber = accountNumber;  
  
}
```

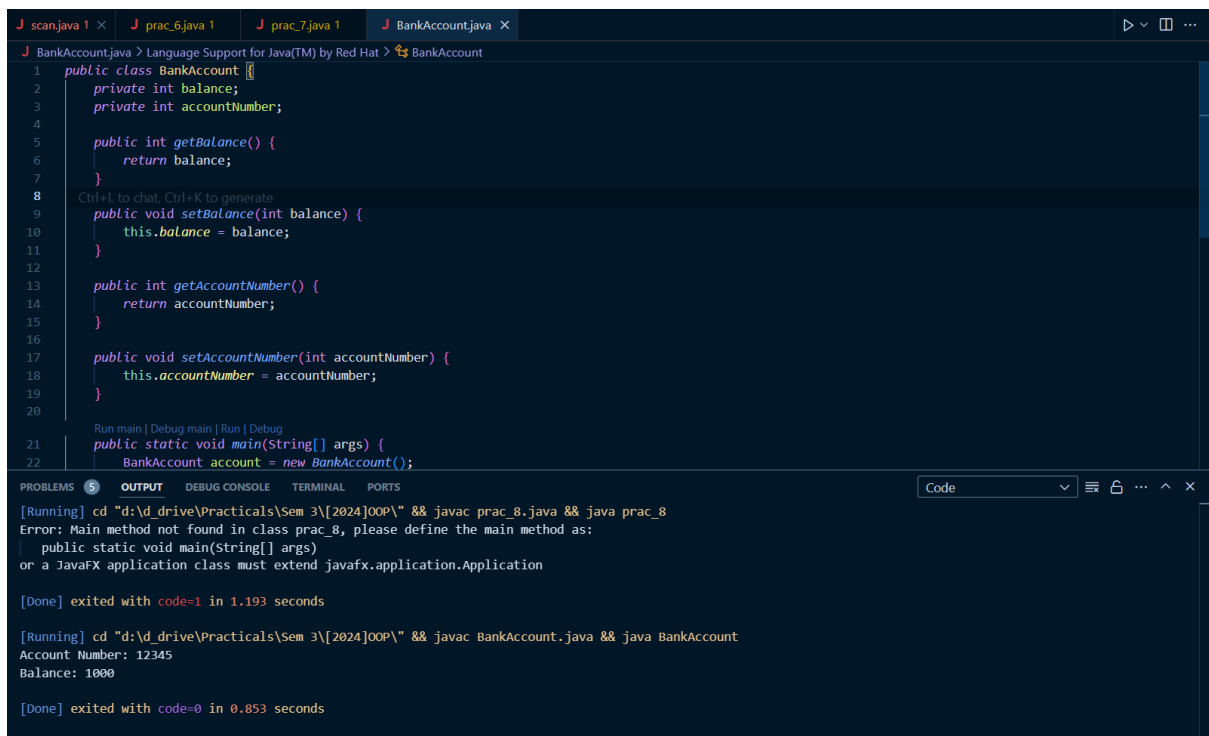
```
public static void main(String[] args) {  
  
    BankAccount account = new BankAccount();  
  
    account.setAccountNumber(12345);  
  
    account.setBalance(1000);
```

```
    System.out.println("Account Number: " + account.getAccountNumber());
```

```
    System.out.println("Balance: " + account.getBalance());
```

```
}
```

```
}
```



```
J scan.java 1 X J prac_6.java 1 J prac_7.java 1 J BankAccount.java X  
J BankAccount.java > Language Support for Java(TM) by Red Hat > BankAccount  
1 public class BankAccount {  
2     private int balance;  
3     private int accountNumber;  
4  
5     public int getBalance() {  
6         return balance;  
7     }  
8  
9     public void setBalance(int balance) {  
10         this.balance = balance;  
11     }  
12  
13     public int getAccountNumber() {  
14         return accountNumber;  
15     }  
16  
17     public void setAccountNumber(int accountNumber) {  
18         this.accountNumber = accountNumber;  
19     }  
20  
21     Run main | Debug main | Run | Debug  
22     public static void main(String[] args) {  
23         BankAccount account = new BankAccount();  
24     }  
25 }  
PROBLEMS 5 OUTPUT DEBUG CONSOLE TERMINAL PORTS  
[Running] cd "d:\d_drive\Practicals\Sem 3\2024\OOP\" && javac prac_8.java && java prac_8  
Error: Main method not found in class prac_8, please define the main method as:  
    public static void main(String[] args)  
or a JavaFX application class must extend javafx.application.Application  
[Done] exited with code=1 in 1.193 seconds  
[Running] cd "d:\d_drive\Practicals\Sem 3\2024\OOP\" && javac BankAccount.java && java BankAccount  
Account Number: 12345  
Balance: 1000  
[Done] exited with code=0 in 0.853 seconds
```