

java practic

Windows PowerShell

```
symbol: variable accountName
location: interface InterfaceBankAccount
InterfaceBankAccount.java:48: error: cannot find symbol
    System.out.println("Account Balance: " + balance);
                                   ^
symbol: variable balance
location: interface InterfaceBankAccount
InterfaceBankAccount.java:53: error: cannot find symbol
    account.printDetails();
    ^
symbol: method printDetails()
location: variable account of type Account
InterfaceBankAccount.java:56: error: cannot find symbol
    account.printDetails();
    ^
symbol: method printDetails()
location: variable account of type Account
6 errors
PS D:\java practic> javac InterfaceBankAccount.java
PS D:\java practic> java InterfaceBankAccount
Bank Name : JavaBank
Account Holder : Sanjay Gupta
Account Number : 12345
Account Balance: 1000
After Deposit:
Bank Name : JavaBank
Account Holder : Sanjay Gupta
Account Number : 12345
Account Balance: 1500
PS D:\java practic> |
```

File Name	Created	Type	Size
Customer.class	13-11-2024 09:53	CLASS File	2 KB
Student.java	12-11-2024 09:40	JAVA File	1 KB
Customer.java	13-11-2024 09:52	JAVA File	1 KB
helloworld.java	12-11-2024 22:52	JAVA File	1 KB
helloworld.class	12-11-2024 22:50	CLASS File	1 KB
addition.class	12-11-2024 22:39	CLASS File	1 KB
addition.java	12-11-2024 22:37	JAVA File	1 KB
breakpoint.java	12-11-2024 22:29	JAVA File	1 KB
breakpoint.class	12-11-2024 22:27	CLASS File	1 KB
InterfaceBankAccount.java	20-12-2024 10:56	JAVA File	2 KB

137 items | 1 item selected 1.41 KB |

File Edit View

```
String getBankName();
public class Account implements InterfaceBankAccount {
    private int balance;
    private String accountName;

    public Account(String name, int initialBalance) {
        this.accountName = name;
        this.balance = initialBalance;
    }

    @Override
    public void deposit(int amt) {
        balance += amt;
    }

    @Override
    public void withdraw(int amt) {
        if (amt <= balance) {
            balance -= amt;
        } else {
            System.out.println("Insufficient funds");
        }
    }

    @Override
    public int getBalance() {
        return balance;
    }

    @Override
    public String getBankName() {
        return BANK;
    }

    public void printDetails() {
        System.out.println("Bank Name : " + getBankName());
        System.out.println("Account Holder : " + accountName);
        System.out.println("Account Number : " + 12345);
        System.out.println("Account Balance: " + balance);
    }

    public static void main(String[] args) {
        Account account = new Account("Sanjay Gupta", 1000);
        account.printDetails();
        account.deposit(500);
        System.out.println("After Deposit:");
        account.printDetails();
    }
}
```

Ln 58, Col 1 1,389 characters 100% Windows (CRLF) UTF-8

NIFTY -0.06%

Search

ENG IN 10:56 20-12-2024

```

public class Cookie implements Item {
    ^
1 error
PS D:\java practic> javac Item.java
Item.java:10: error: class Cookie is public, should be declared in a file named Cookie.java
    public class Cookie implements Item {
           ^
1 error
PS D:\java practic> javac Item.java
javacItem.java : The term 'javacItem.java' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ javacItem.java
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (javacItem.java:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS D:\java practic> javac Item.java
PS D:\java practic> java Item
Department: Bakery
Item Name: Cookie
Type: Choc Chip
Price: 1.0
Updated Price: 1.5
PS D:\java practic> |

```

```

File Edit View
public interface Item {
    String getItemName();
    double getPrice();
    void setPrice(double price);
    String getDepartment();
}

public class Cookie implements Item {
    private String cookieType;
    private double price;

    public Cookie(String type, double price) {
        this.cookieType = type;
        this.price = price;
    }

    @Override
    public String getItemName() {
        return "Cookie";
    }

    @Override
    public double getPrice() {
        return price;
    }

    @Override
    public void setPrice(double price) {
        this.price = price;
    }

    @Override
    public String getDepartment() {
        return "Bakery";
    }

    public String getType() {
        return cookieType;
    }

    public static void main(String[] args) {
        Cookie cookie = new Cookie("Choc Chip", 1.0);
        System.out.println("Department: " + cookie.getDepartment());
        System.out.println("Item Name: " + cookie.getItemName());
        System.out.println("Type: " + cookie.getType());
        System.out.println("Price: " + cookie.getPrice());

        cookie.setPrice(1.5);
        System.out.println("Updated Price: " + cookie.getPrice());
    }
}

```

Bank Example Task Suggeste

a) Update the print statement
each field so that the output

Ln 38, Col 2 1,215 characters

100% Windows (CRLF)

UTF-8

603697

+102%



Q Search



ENG

IN



20-12-2024

10:53

java practic

This PC > New Volume (D:) > java practic

New > > Sort > View > >

Windows PowerShell

Windows PowerShell
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Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS D:\java practic> javac Immutable Class Example.java
error: file not found: Example.java
Usage: javac <options> <source files>
use --help for a list of possible options
PS D:\java practic> javac CompanyColor.java
PS D:\java practic> java CompanyColor
RGB Values:
R: 238
G: 130
B: 238
PS D:\java practic> javac JavaBank.java
PS D:\java practic> java JavaBank

JavaBank

Input Details

helloworld.java	12-11-2024 22:02	JAVA File	7 KB
helloworld.class	12-11-2024 22:50	CLASS File	1 KB
addition.class	12-11-2024 22:39	CLASS File	1 KB
addition.java	12-11-2024 22:37	JAVA File	1 KB
breakpoint.java	12-11-2024 22:29	JAVA File	1 KB
breakpoint.class	12-11-2024 22:27	CLASS File	1 KB
CompanyColor.java	20-12-2024 09:58	JAVA File	1 KB
CompanyColor.class	20-12-2024 09:58	CLASS File	2 KB
JavaBank.java	20-12-2024 10:00	JAVA File	2 KB

130 items | 1 item selected 1.23 KB

Test.java VerTest.java Dog.java Animal.java TestBa CompanyCo JavaB

File Edit View

import javax.swing.*;
import java.awt.*;

public class JavaBank extends JFrame {
 private static final long serialVersionUID = 1L;
 public String name;
 public int accountNum;
 public int balance;
 CompanyColor companyColor = new CompanyColor();
 private Color myColor = new Color(companyColor.getR(), companyColor.getG(), companyColor.getB());

 private JPanel inputDetailJPanel;

 public JavaBank() {
 createUserInterface();
 }

 private void createUserInterface() {
 Container contentPane = getContentPane();
 contentPane.setBackground(myColor);
 contentPane.setLayout(null);

 inputDetailJPanel = new JPanel();
 inputDetailJPanel.setBounds(16, 16, 288, 250);
 inputDetailJPanel.setBorder(BorderFactory.createTitledBorder("Input Details"));
 inputDetailJPanel.setLayout(null);
 inputDetailJPanel.setBackground(myColor);

 contentPane.add(inputDetailJPanel);
 }

 public static void main(String[] args) {
 JavaBank frame = new JavaBank();
 frame.setTitle("JavaBank");
 frame.setSize(300, 300);
 frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
 frame.setVisible(true);
 }
}

Ln 18, Col 6 1,325 characters 100% Windows (CRLF) UTF-8

SENSEX

100.27%

Search

10:01

20-12-2024

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Windows PowerShell

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```
PS D:\java practic> javac Immutable Class Example.java
error: file not found: Example.java
Usage: javac <options> <source files>
use --help for a list of possible options
PS D:\java practic> javac CompanyColor.java
PS D:\java practic> java CompanyColor
RGB Values:
R: 238
G: 130
B: 238
PS D:\java practic>
```

File Name	Modified	Type	Size
Customer.java	12-11-2024 09:32	JAVA File	1 KB
helloWorld.java	12-11-2024 22:52	JAVA File	1 KB
helloWorld.class	12-11-2024 22:50	CLASS File	1 KB
addition.class	12-11-2024 22:39	CLASS File	1 KB
addition.java	12-11-2024 22:37	JAVA File	1 KB
breakpoint.java	12-11-2024 22:29	JAVA File	1 KB
breakpoint.class	12-11-2024 22:27	CLASS File	1 KB
CompanyColor.java	20-12-2024 09:08	JAVA File	1 KB

128 items | 1 item selected 594 bytes |

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File Edit View

```
public final class CompanyColor{
    private final int R = 238;
    private final int G = 130;
    private final int B = 238;

    public int getR() {
        return R;
    }

    public int getG() {
        return G;
    }

    public int getB() {
        return B;
    }

    public static void main(String[] args) {
        CompanyColor color = new CompanyColor();
        System.out.println("RGB Values:");
        System.out.println("R: " + color.getR());
        System.out.println("G: " + color.getG());
        System.out.println("B: " + color.getB());
    }
}
```

Ln 26, Col 1 569 characters 100% Windows (CRLF) UTF-8