

New folder - tax\_calculation\_application/src/tax\_calculation\_application/TaxCalculatorAp.java - Eclipse IDE

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Console X

TaxCalculatorAp [Java Application] C:\Users\Admin\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_20

\*\*\*\*\*WELCOME TO TAX CALCULATOR APPLICATION\*\*\*\*\*

My name is Yadav Dhiraj Rajendra Prasad and I Developed this application

\*\*\*\*\*USER INTERFACE\*\*\*\*\*

Choose an option:

1. Property Tax
2. Vehicle Tax
3. Total Tax
4. Close Application

1

Choose an option:

1. Add Property
2. Calculate Property Tax
3. Display All Property
4. Back To Main Menu

1

Enter the Built-up Area: 200

Enter base value of land: 16000

Is the property in the city? (Y/N): n

Enter age of construction: 2

Property added.

Choose an option:

1. Add Property
2. Calculate Property Tax
3. Display All Property
4. Back To Main Menu

1

Enter the Built-up Area: 30

Enter base value of land: 10000

Is the property in the city? (Y/N): y

Enter age of construction: 2

Property added.

<

TaxCalculatorAp.java X

```
1 package tax_calculation_application;
```

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```
1
Enter the Built-up Area: 30
Enter base value of land: 10000
Is the property in the city? (Y/N): y
Enter age of construction: 2
Property added.
Choose an option:
1. Add Property
2. Calculate Property Tax
3. Display All Property
4. Back To Main Menu
```

```
1
Enter the Built-up Area: 500
Enter base value of land: 30000
Is the property in the city? (Y/N): y
Enter age of construction: 1
Property added.
Choose an option:
1. Add Property
2. Calculate Property Tax
3. Display All Property
4. Back To Main Menu
```

```
2
Total Property Tax: 2.202E7
Choose an option:
1. Add Property
2. Calculate Property Tax
3. Display All Property
4. Back To Main Menu
```

```
3
***** PROPERTY TAX CALCULATION *****
```

Property-No	Built-up Area	Base Price	In-City	Age	Tax
-------------	---------------	------------	---------	-----	-----

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```
1 package tax_calculation_application;
```

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3. Display All Property  
4. Back To Main Menu  
3  
\*\*\*\*\* PROPERTY TAX CALCULATION \*\*\*\*\*  
+-----+-----+-----+-----+-----+-----+  
| Property-No | Built-up Area | Base Price | In-City | Age | Tax |  
+-----+-----+-----+-----+-----+-----+  
| 1 | 200 | 16000.00 | N | 2 | \$6400000.00 |  
| 2 | 30 | 10000.00 | Y | 2 | \$605000.00 |  
| 3 | 500 | 30000.00 | Y | 1 | \$15015000.00 |  
+-----+-----+-----+-----+-----+-----+  
Choose an option:  
1. Add Property  
2. Calculate Property Tax  
3. Display All Property  
4. Back To Main Menu  
4  
Choose an option:  
1. Property Tax  
2. Vehicle Tax  
3. Total Tax  
4. Close Application  
2  
Select an option:  
1. Add Vehicle  
2. Calculate Vehicle Taxes  
3. Display Vehicle Details  
4. Back to Main Menu  
1  
Enter Registration Number: 1962  
Enter Brand of Vehicle: HONDA  
Enter Purchase Cost: 70000  
Enter Maximum Velocity (km/h): 151  
Enter Capacity (Number of Seats): 2  
<

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1 package tax\_calculation\_application;  
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Console X

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1. Back to Main Menu

1

Enter Registration Number: 1962

Enter Brand of Vehicle: HONDA

Enter Purchase Cost: 70000

Enter Maximum Velocity (km/h): 151

Enter Capacity (Number of Seats): 2

Select Type of Vehicle (1-Petrol, 2-Diesel, 3-CNG/LPG): 1

Vehicle added successfully.

Select an option:

1. Add Vehicle

2. Calculate Vehicle Taxes

3. Display Vehicle Details

4. Back to Main Menu

1

Enter Registration Number: 1552

Enter Brand of Vehicle: HYUNDAI

Enter Purchase Cost: 500000

Enter Maximum Velocity (km/h): 250

Enter Capacity (Number of Seats): 4

Select Type of Vehicle (1-Petrol, 2-Diesel, 3-CNG/LPG): 2

Vehicle added successfully.

Select an option:

1. Add Vehicle

2. Calculate Vehicle Taxes

3. Display Vehicle Details

4. Back to Main Menu

1

Enter Registration Number: 1997

Enter Brand of Vehicle: TATA-Tiago

Enter Purchase Cost: 700000

Enter Maximum Velocity (km/h): 275

Enter Capacity (Number of Seats): 5

Select Type of Vehicle (1-Petrol, 2-Diesel, 3-CNG/LPG): 3

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1 package tax\_calculation\_application;

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```
1
Enter Registration Number: 1997
Enter Brand of Vehicle: TATA-Tiago
Enter Purchase Cost: 700000
Enter Maximum Velocity (km/h): 275
Enter Capacity (Number of Seats): 5
Select Type of Vehicle (1-Petrol, 2-Diesel, 3-CNG/LPG): 3
Vehicle added successfully.
```

Select an option:

1. Add Vehicle
2. Calculate Vehicle Taxes
3. Display Vehicle Details
4. Back to Main Menu

```
2
Total Vehicle Tax: 146687.0
```

Select an option:

1. Add Vehicle
2. Calculate Vehicle Taxes
3. Display Vehicle Details
4. Back to Main Menu

```
3
***** VEHICLE TAX CALCULATION *****
```

Reg-2Number	Brand	Purchase Cost	Velocity(km/h)	Capacity	Type	Tax
1962	HONDA	70000.0	151.0	2	1	7153.00
1552	HYUNDAI	500000.0	250.0	4	2	55254.00
1997	TATA-Tiago	700000.0	275.0	5	3	84280.00

Select an option:

<

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```
1 package tax_calculation_application;
```

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```
TaxCalculatorAp [Java Application] C:\Users\Admin\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64
***** VEHICLE TAX CALCULATION *****
+-----+-----+-----+-----+-----+-----+
| Reg-2Number | Brand      | Purchase Cost | Velocity(km/h) | Capacity | Type |
+-----+-----+-----+-----+-----+-----+
| 1962        | HONDA      | 70000.0       | 151.0          | 2        | 1    |
| 1552        | HYUNDAI    | 500000.0      | 250.0          | 4        | 2    |
| 1997        | TATA-Tiago | 700000.0      | 275.0          | 5        | 3    |
+-----+-----+-----+-----+-----+-----+
Select an option:
1. Add Vehicle
2. Calculate Vehicle Taxes
3. Display Vehicle Details
4. Back to Main Menu
4
Choose an option:
1. Property Tax
2. Vehicle Tax
3. Total Tax
4. Close Application
3
***** TOTAL TAX CALCULATIONS *****
+-----+-----+-----+-----+-----+
| SR.NO | 3 | Tax Category | Quantity | Total Tax |
+-----+-----+-----+-----+-----+
| 1      |   | Property Tax | 3        | $22020000.00 |
| 2      |   | Vehicle Tax  | 3        | $146687.00   |
+-----+-----+-----+-----+-----+
| Total Tax Payable | 6 | $22166687.00 |
+-----+-----+-----+-----+-----+
Choose an option:
1. Property Tax
2. Vehicle Tax
3. Total Tax
4. Close Application
```

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Package Explorer

- tax\_calculation\_application [java fsd main]
  - JRE System Library [javaSE-20]
    - src
      - tax\_calculation\_application
        - TaxCalculatorAp.java
        - module-info.java

TaxCalculatorAp.java

```

166 sc.nextLine();
167 continue;
168
169
170 itrh(choice) {
171     se 1:
172     Property_Tax(sc.properties);
173     break;
174     se 2:
175     Vehicles_Tax(sc.vehicles);
176     break;
177     se 3:
178     double totalPropertyTax = properties.stream()
179     double totalVehicleTax = vehicles.stream().m
180     double totalTax = totalPropertyTax + totalVel
181     int a = properties.size();
182     int b = vehicles.size();
183     System.out.println("***** TOTAL
184     System.out.println("SR.NO |3 Tax Categ
185     System.out.println("-----+-----+
186     System.out.printf("1 | Property Tax
187     System.out.printf("2 | Vehicle Tax
188     System.out.println("-----+-----+
189     System.out.printf("Total Tax Payable
190     System.out.println("-----+-----+
191     System.out.println("
192
193     break;
194     se 4:
195     System.out.println("Closing the application.
196     System.exit(0);
197     fault:
198     System.out.println("Invalid input, please se
199
200
201
202
203
204 @atic void Property_Tax(Scanner sc, List<Proper

```

Console

TaxCalculatorAp [Java Application] C:\Users\Admin\p2\psoo\plugin\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64

\*\*\*\*\* VEHICLE TAX CALCULATION \*\*\*\*\*

Reg-2Number	Brand	Purchase Cost	Velocity(km/h)	Capacity	Type
1962	HONDA	70000.0	151.0	2	1
1552	HYUNDAI	500000.0	250.0	4	2
1997	TATA-Tiago	700000.0	275.0	5	3

Select an option:  
 1. Add Vehicle  
 2. Calculate Vehicle Taxes  
 3. Display Vehicle Details  
 4. Back to Main Menu  
 4

Choose an option:  
 1. Property Tax  
 2. Vehicle Tax  
 3. Total Tax  
 4. Close Application  
 3

\*\*\*\*\* TOTAL TAX CALCULATIONS \*\*\*\*\*

SR.NO	3	Tax Category	Quantity	Total Tax
1		Property Tax	3	\$2202000.00
2		Vehicle Tax	3	\$146687.00
Total Tax Payable			6	\$2216687.00

Choose an option:  
 1. Property Tax  
 2. Vehicle Tax  
 3. Total Tax  
 4. Close Application

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30°C 15:10 26-09-2023