

Employee.java



Share

Run

Output

Clear

```
1- public class Employee {
2
3    // Protected member variables
4    protected int id;
5    protected int age;
6    protected String name;
7    protected boolean isPermanent;
8
9- public static void main(String[] args) {
10    Employee emp = new Employee();
11
12    // Assigning 35.5 to int type with casting
13    emp.age = 35.5; // Casting double to int to avoid error
14    emp.id = 1;
15    emp.name = "John";
16    emp.isPermanent = true;
17
18    System.out.println("successfully started");
19    System.out.println("Age after casting: " + emp.age);
20 }
21 }
22
```

ERROR!

/tmp/Blzyo5qenV/Main.java:13: error: incompatible types: possible lossy conversion  
from double to int




```
emp.age = 35.5; // Casting double to int to avoid error
        ^
```

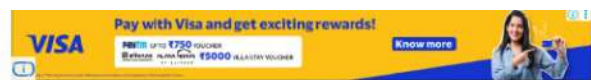
1 error

ERROR!

error: compilation failed

=== Code Exited With Errors ===

Employee.java			 Share	Run	Output
<pre>1- public class Employee { 2 3    // Protected member variables 4    protected int id; 5    protected int age; 6    protected String name; 7    protected boolean isPermanent; 8 9-   public static void main(String[] args) { 10       Employee emp = new Employee(); 11 12       // Assigning 35.5 to int type with casting 13       emp.age = (int) 35.5; // Casting double to int to avoid error 14       emp.id = 1; 15       emp.name = "John"; 16       emp.isPermanent = true; 17 18       System.out.println("successfully started"); 19       System.out.println("Age after casting: " + emp.age); 20   } 21 } 22</pre>	<pre>successfully started Age after casting: 35  === Code Execution Successful ===</pre>				



Person.java



Run

Output

```
1 package com.anudip.learning;
2
3 public class Person {
4
5     // Initialized member variables
6     String name = "Alice";
7     int age = 25;
8     int salary = 40000;
9
10    public static void main(String[] args) {
11        System.out.println("Test Successfully");
12    }
13 }
14
```

Test Successfully

=== Code Execution Successful ===

```

1 public class DataTypes {
2
3     public static void main(String[] args) {
4
5         // Primitive data types
6         byte byteVar = 127;
7         short shortVar = 32000;
8         int intVar = 100000;
9         long longVar = 10000000000L;
10
11         float floatVar = 10.5f;
12         double doubleVar = 123.456789;
13
14         char charVar = 'A';
15         boolean booleanVar = true;
16
17         // Printing all values
18         System.out.println("Byte value: " + byteVar);
19         System.out.println("Short value: " + shortVar);
20         System.out.println("Int value: " + intVar);
21         System.out.println("Long value: " + longVar);
22
23         System.out.println("Float value: " + floatVar);

```

```

Byte value: 127
Short value: 32000
Int value: 100000
Long value: 10000000000
Float value: 10.5
Double value: 123.456789
Char value: A
Boolean value: true

```

=== Code Execution Successful ===