File Edit Selection View Go Run Terminal Help

Day_2

EXPLORER

DAY_2

- Program.class
- Program.java

Program.java

```java
public class Program {
    public static void main(String[] args) {

        int intValue = 10;


        double doubleValue = intValue;


        System.out.println("After widening conversion:");
        System.out.println("int value: " + intValue);
        System.out.println("double value: " + doubleValue);
    }
}
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL PORTS

```
PS C:\Users\Asus\Desktop\Java\Day_2> javac Program.java
PS C:\Users\Asus\Desktop\Java\Day_2> java Program
After widening conversion:
int value: 10
double value: 10.0
PS C:\Users\Asus\Desktop\Java\Day_2>
```

powershell
powershell
powershell
powershell
powershell

OUTLINE

TIMELINE

Ln 15, Col 1 Spaces: 4 UTF-8 CRLF Java

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Assignmemnt 03

EXPLORER

ASSIGNMEMNT 03

- Code3.png
- Program_1.class
- Program_1.java
- Program_2.class
- Program_2.java
- Program_3.class
- Program_3.java
- Program_4.class
- Program_4.java

Program_2.java

```java
public class Program_2 {
    public static void main(String[] args) {

        double doubleValue = 10.5;

        int intValue = (int) doubleValue;

        System.out.println("After narrowing conversion:");
        System.out.println("double value: " + doubleValue);
        System.out.println("int value: " + intValue);
    }
}
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL PORTS

powershell

```
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> javac Program_2.java
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> java Program_2
After narrowing conversion:
double value: 10.5
int value: 10
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03>
```

OUTLINE

TIMELINE

JAVA PROJECTS

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Assignmemnt 03

EXPLORER

ASSIGNMEMNT 03

- Program_1.class
- Program_1.java
- Program_2.class
- Program_2.java
- Program_3.class
- Program_3.java
- Program_4.class
- Program_4.java

Program_3.java

```java
public class Program_3 {
    public static void main(String[] args) {

        int intValue = 5;
        double doubleValue = 3.5;
        float floatValue = 2.5f;

        double result1 = intValue + doubleValue;
        double result2 = doubleValue * floatValue;
        float result3 = intValue - floatValue;

        System.out.println("Result of widening conversion from int to double: " + result1);
        System.out.println("Result of widening conversion from float to double: " + result2);
        System.out.println("Result of widening conversion from int to float: " + result3);
    }
}
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL PORTS

powershell

```
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> javac Program_4.java
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> java Program
Error: Could not find or load main class Program
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> javac Program_3.java
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> java Program_3
Result of widening conversion from int to double: 8.5
Result of widening conversion from float to double: 8.75
Result of widening conversion from int to float: 2.5
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03>
```

OUTLINE

TIMELINE

JAVA PROJECTS

0 0 0

Ln 17, Col 1 Spaces: 4 UTF-8 CRLF Java

File Edit Selection View Go Run Terminal Help

Assignmemnt 03

EXPLORER

ASSIGNMEMNT 03

- Code 1.png
- Code2.png
- Code3.png
- Program_1.class
- Program_1.java
- Program_2.class
- Program_2.java
- Program_3.class
- Program_3.java
- Program_4.class
- Program_4.java

Program_1.java | Program_4.java

Program_4.java

```java
public class Program_4 {
    public static void main(String[] args) {
        int intValue = 10;

        double doubleValue = intValue;

        float floatValue = intValue;

        String stringValue = Integer.toString(intValue);

        System.out.println("Widening conversion from int to double: " + doubleValue);
        System.out.println("Widening conversion from int to float: " + floatValue);
        System.out.println("Conversion from int to String: " + stringValue);
    }
}
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL PORTS

powershell

```
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> javac Program_4.java
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03> java Program_4
Widening conversion from int to double: 10.0
Widening conversion from int to float: 10.0
Conversion from int to String: 10
PS C:\Users\Asus\Desktop\Java\Assignmemnts\Assignmemnt 03>
```

OUTLINE

TIMELINE

JAVA PROJECTS

0 0 0

Ln 16, Col 1 Spaces: 4 UTF-8 CRLF Java