Java Assignment

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Package Program:

```java
package BasicMath;

public class maths {

    public void Addition(double x,double y)
    {
        System.out.println("Addition is"+ (x+y));
    }

    public void Subtraction(double x,double y)
    {
        System.out.println("Subtraction is"+ (x-y));
    }

    public void Multiplication(double x,double y)
    {
        System.out.println("Multiplication is" +(x*y));
    }


    public void Division(double x, double y) {
        if (y != 0) {
            System.out.println("Quotient: " + (x / y));
        }
         else {
            System.out.println("Cannot divide by zero.");
        }
}
}
```

Math operation program:

```java
import java.util.Scanner;

import BasicMath.*;

public class mathoperation {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);


        System.out.print("Enter the first number: ");
        double x = scanner.nextDouble();

        System.out.print("Enter the second number: ");
        double y = scanner.nextDouble();


        new maths().Addition(x, y);
        new maths().Subtraction(x, y);
        new maths().Multiplication(x, y);
        new maths().Division(x, y);



}


}
```

Output:

```
● PS C:\Users\methk\Desktop\java> javac -d . maths.java
```

```
PS C:\Users\methk\Desktop\java> javac mathoperation.java
PS C:\Users\methk\Desktop\java> java mathoperation
Enter the first number: 6
Enter the second number: 4
Addition is 10.0
Subtraction is 2.0
Multiplication is 24.0
Quotient:  1.5
PS C:\Users\methk\Desktop\java>
```