

## Practical 05

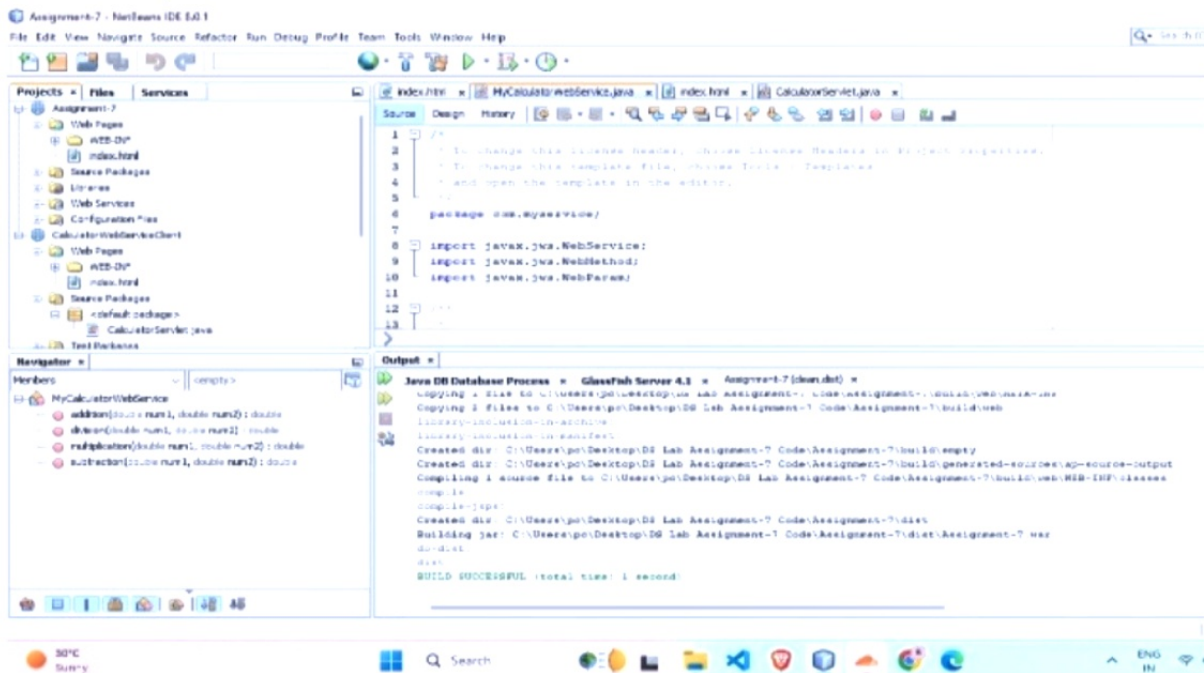
Name: vedant murai

Subject: Distributed Systems.

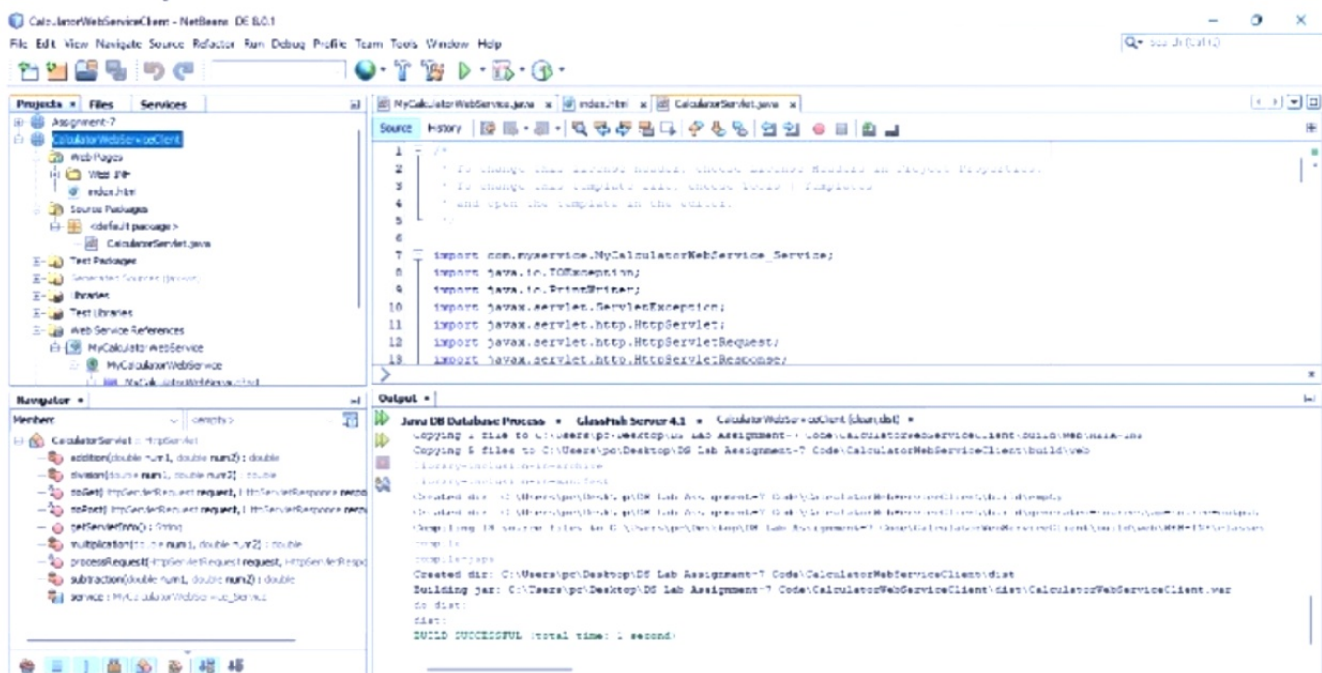
Roll no: 64 Batch: D4.

Branch: CSE (Data Science).

## Successfully build the webservice of Calculator:



### Successfully build the client server of calculator:



## Web Service Tester:

**MyCalculatorWebService Web Service Tester**

Then from you allow you to test your web service implementation ([Click Here](#))

To invoke an operation, fill the method parameter(s) input boxes and click on the button labeled with the method name

**Methods :**

```

public abstract double com.mycompany.MyCalculatorWebService.addition(double double)
addition ( 50 10 )

public abstract double com.mycompany.MyCalculatorWebService.division(double double)
division ( 50 10 )

public abstract double com.mycompany.MyCalculatorWebService.multiplication(double double)
multiplication ( 50 5 )

public abstract double com.mycompany.MyCalculatorWebService.subtraction(double double)
subtraction ( 50 10 )
    
```

**division Method invocation**

**Method parameter(s)**

Type	Value
double	50
double	10

**Method returned**

double: 2.0

**SOAP Request**

```

<?xml version='1.0' encoding='UTF-8'><?xml:stylesheet type='text/css' href='soap:soapenv:soapenv.xsd' xmlns:SOAP-ENV='http://schemas.xmlsoap.org/soap/envelope/'>
  <SOAP-ENV:Header>
    <?xml:namespace prefix='http://schemas.xmlsoap.org/soap/envelope/' />
    <SOAP-ENV:Body>
      <SOAP-ENV:Body>
        <SOAP-ENV:Body>
          <SOAP-ENV:Body>
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          </SOAP-ENV:Body>
        </SOAP-ENV:Body>
      </SOAP-ENV:Body>
    </SOAP-ENV:Header>
  </SOAP-ENV:Header>
</?xml>
    
```

**SOAP Response**

```

<?xml version='1.0' encoding='UTF-8'><?xml:stylesheet type='text/css' href='soap:soapenv:soapenv.xsd' xmlns:SOAP-ENV='http://schemas.xmlsoap.org/soap/envelope/'>
  <SOAP-ENV:Header>
    <?xml:namespace prefix='http://schemas.xmlsoap.org/soap/envelope/' />
    <SOAP-ENV:Body>
      <SOAP-ENV:Body>
        <SOAP-ENV:Body>
          <SOAP-ENV:Body>
            <SOAP-ENV:Body>
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        </SOAP-ENV:Body>
      </SOAP-ENV:Body>
    </SOAP-ENV:Header>
  </SOAP-ENV:Header>
</?xml>
    
```

## Input page of client server:

Enter Number-1: 50

Enter Number-2: 10

**Submit**

## Output:

**Addition Is: 60.0**

**Subtraction Is: 40.0**

**Multiplication Is: 500.0**

**Division Is: 5.0**