Lab on advanced cloud computing

Practical No. 7

Implementation of soap Web Services in C# / Java Applications.

Open microsoft visual studio

↓

Go to file

↓

Select New
Website

↓

Select
ASP.NET Empty website

↓

Right click on
website menu

↓

Add New Item

↓

Webservice

↓

Write following code

↓

```
[Webmethod]
public ~~static~~ int add (int a,
                                int b)
{
    return a+b;
}
```

↓

press F5 button on your
keyboard and debug code

↓

Now copy the URL of web service
(having extension .asmx)

↓

Click on add

↓

put values a, b and
invoke

↓

go to out
Website page

↓

Stop debugging

↓

right Click on Website
menu

↓

Add Web references

↓

paste copied link here

↓

Click on arrow

↓

Click - Add reference

↓

right click on Website
menu

↓

Add new Item

↓

Web form – add

↓

go to Design

↓

add two TextBox
and one Button

↓

Now double click on Button

↓

Type following code

↓

```
int n1, n2, res;

localhost.Webservice S = new localhost.
                              Webservice();
n1 = Convert.ToInt32(TextBox1.Text);
n2 = Convert.ToInt32(TextBox2.Text);
res = S.add(n1, n2);
Response.Write("Addition is:" + res);
```

↓

Now run the
application

| 10 |

| Submit |

| 20 |

addition is : 30

Practical No. 6

Creating an application in salesforce.com using apex programming language.

login your Salesforce
account
↓
Click on setting
option and Tap
to Developer Console
↓
file
↓
New
↓
Apex class
↓
Apex class name = durgu
↓
Write code here
↓

```
public static void main()
{
System.debug ('Hello Wond');
}
}
```

CRL+S (save the code)

↓

Debug- open execute Anonymous
        Window

↓

durgu. main();

Write here ⌐

↓

Click open log

↓

and then tap
execute button

↓

The final o/p
of code.

Practical No. 4

Install a cloud Analyst and Integrate with neatbeans, monitor the Performance of an Existing algorithm.

go to Chrome and
download the
Cloud analyst netbeans

↓

Extract zip file
(Cloud_analyst)

↓

To run cloud-analyst
go to netbeans

↓

netbeans — file

↓

open project

↓

browse the unzipped
folder that you
downloaded

↓

Click on cloud_analyst

↓

Click on source packages

↓

Click on cloudsim.ext.gui

↓

right click on
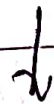Guimain.java

↓

and run file

↓

Show region
Boundaries

* * * *

Practical No. 3

Study and Configuration of Cloudsim.
Also execute & check the performance
existing algorithms.

Go to google chrome
and search
cloudsin 3.0.3
↓

Then select cloudsim 3.0.3.
tar.gz file
and download it
↓

extract it
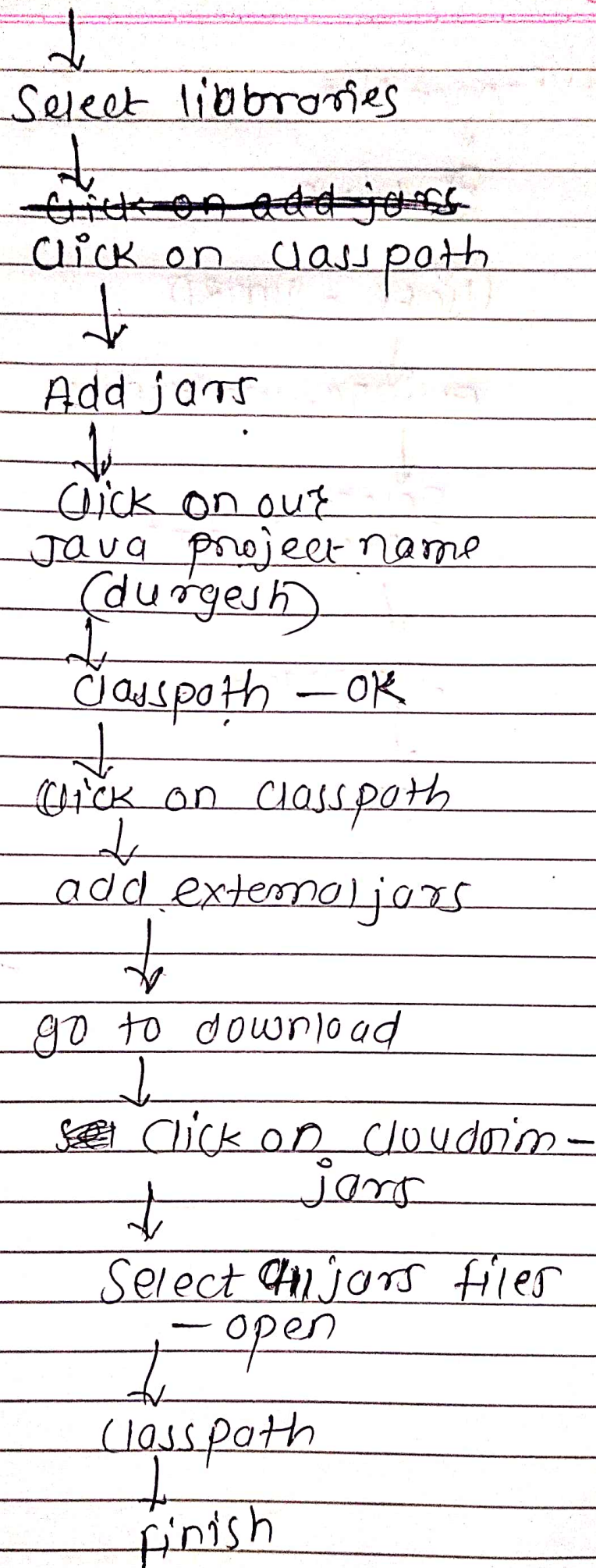↓

go to eclipse Java IDE
Developer app
↓

file — New
↓

Java project
↓

Name the java project
(durgesh)
↓

click on next button

↓

Select libraries

↓

~~Click on add jars~~

Click on classpath

↓

Add jars

↓

Click on our
Java project name
(durgesh)

↓

Classpath — OK

↓

Click on classpath

↓

add externaljars

↓

go to download

↓

Click on cloudrim-
jars

↓

Select All jars files
— open

↓

Classpath

↓

finish

→ File-open file

↓ C-drive

↓ Users - DMRD

↓ eclipse-workspace

↓ Select project name

↓ .classpath

↓ OK