Walchand College of Engineering, Sangli
Department of Computer Science and Engineering

Class: Third Year (Computer Science and Engineering)

Year: 2020-21   **Semester:** 2

Course: Advanced Web and Mobile Application Development Lab (4CS381)
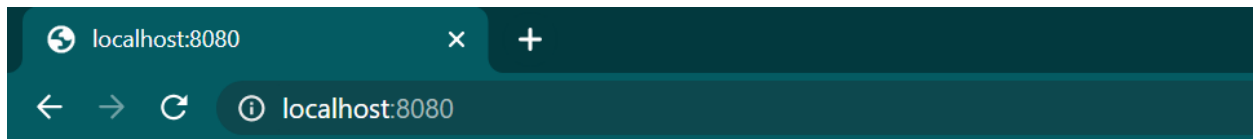

Practical No. 6

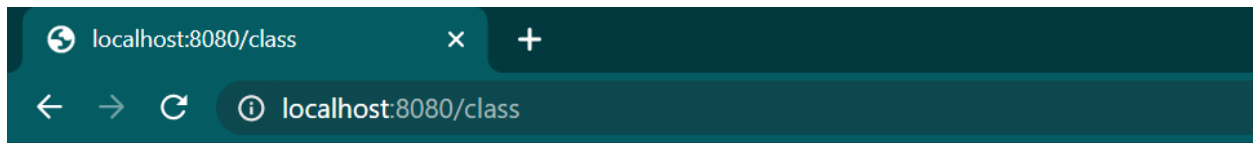# Express.js Route Paths

Exam Seat No:

1. 2018BTECS00021- Abhay Shirale

Problem Statement 1:

1. Create an Express app for different route paths.
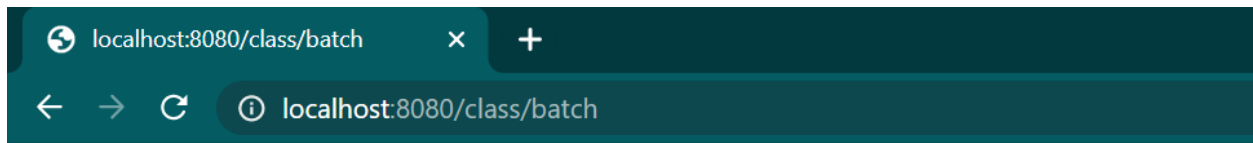   a. Root path

This is Home Route

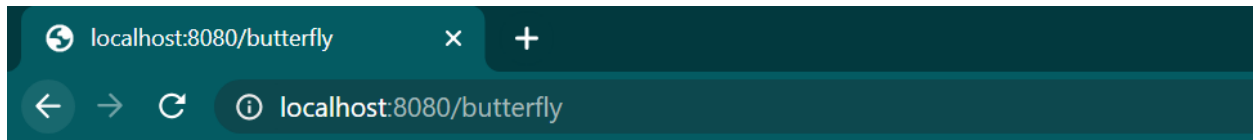Third Year – Advanced Web and Mobile Application Development Lab (4CS381)

b. /<class>/

TYCSE

c. /<class>/<batch>/

localhost:8080/class/batch

← → C ⓘ localhost:8080/class/batch

Batch T7

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d. Use a string pattern for route path (e.g., /*fly/, etc.)

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localhost:8080/butterfly   ✕   +

← → C   ⓘ localhost:8080/butterfly
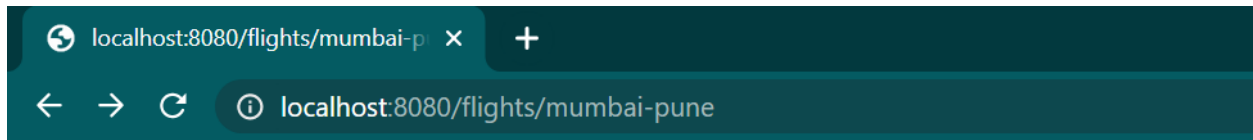
Possible Words ending with "fly"
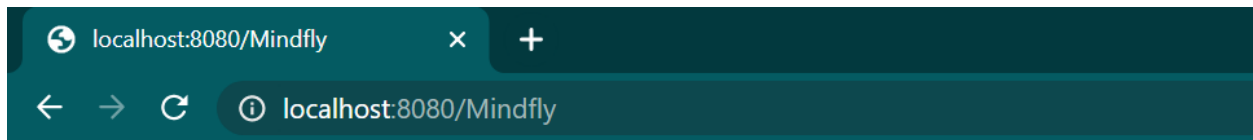
Possible Words ending with "fly"

```
PS C:\Users\abhay\Desktop\Sem 6\AWMAD\Practical No.6\PS1> node index.js
Listening on localhost:8080....
Home Route
Class Route
Batch Route
____fly Route
```

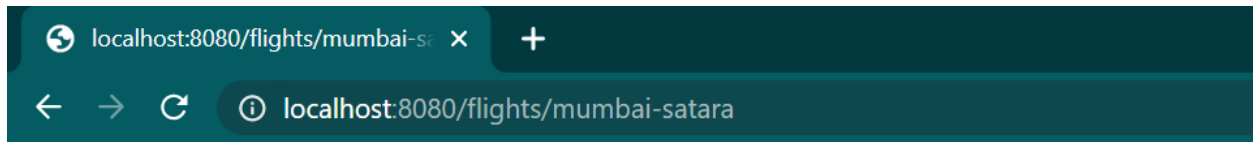Third Year – Advanced Web and Mobile Application Development Lab (4CS381)

e. Use req.params to store and access the values of various parameters

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

PS C:\Users\abhay\Desktop\Sem 6\AWMAD\Practical No.6\PS1> node index.js
Listening on localhost:8080....
{ from: 'mumbai', to: 'pune' }
{ from: 'mumbai', to: 'satara' }
```

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localhost:8080/flights/mumbai-p ×   +

← → C   ⓘ localhost:8080/flights/mumbai-pune

The Flight from **mumbai** to **pune** -- 1:00

localhost:8080/flights/mumbai-sa ×   +

← → C   ⓘ localhost:8080/flights/mumbai-satara

The Flight from **mumbai** to **satara** -- 2:00

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```js
PS1 > JS index.js > ✪ app.get('/class/batch') callback
  1    const express=require('express')
  2    const app=express()
  3    const host='localhost'
  4    const port='8080'
  5
  6    let n=0
  7
  8  ∨ app.get('/flights/:from-:to',(req,res)=>{
  9        console.log(req.params)
 10        n+=1
 11        n=n%12
 12        res.send(`The Flight from <b>${req.params.from}</b> to <b>${req.params.to}</b> -- ${n}:00`)
 13    })
 14
 15  ∨ app.get('/flights',(req,res)=>{
 16        console.log('flights Route')
 17        res.send('Flights in the form of "From-To" format')
 18    })
 19
 20  ∨ app.get('/*fly',(req,res)=>{
 21        console.log('____fly Route')
 22        res.send('Possible Words ending with "fly"')
 23    })
 24
 25  ∨ app.get('/class/batch',(req,res)=>{
 26        console.log('Batch Route')
 27        res.send('Batch T7')
 28    })
 29
 30  ∨ app.get('/class',(req,res)=>{
 31        console.log('Class Route')
 32        res.send('TYCSE')
 33    })
 34
 35  ∨ app.get('/',(req,res)=>{
 36        console.log('Home Route')
 37        res.send('This is Home Route')
 38    })
 39
 40  ∨ app.listen(port,host,()=>{
 41        console.log(`Listening on ${host}:${port}....`)
 42    })
 43
```

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