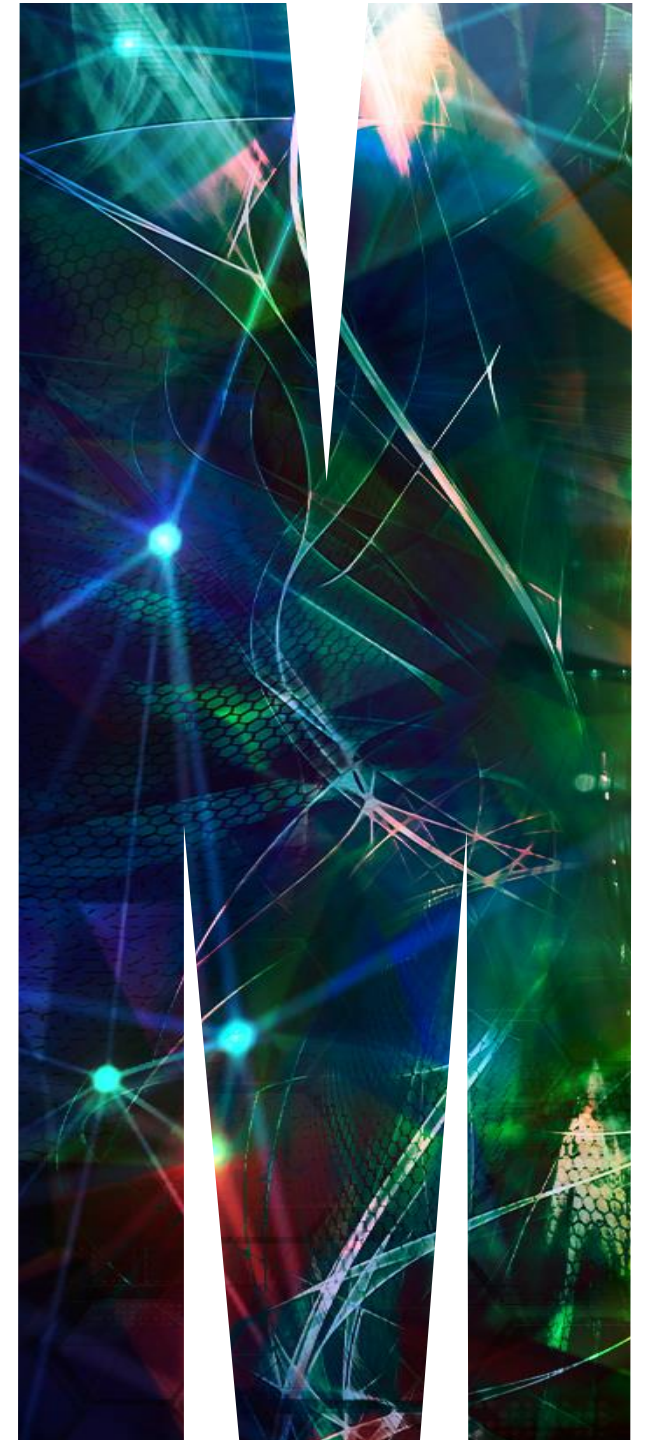


# FIT2095

e-Business software technologies

- Week 5 - Workshop Quiz
- 3 Questions



# Question 1 (5+5=10) marks

1. MongoDB is a document database. What are 'document' and 'collection' in MongoDB?
2. MongoDB document is not a JSON object. Elaborate this statement.

# Question 2 (5\*4=20) Marks

Assume:

db – a reference to a database

'flights' – is a collection with the following fields: flightDate, from, to, airline, and cost

- Write full MongoDB statements:
  1. Find all the flights with 'VA' airline
  2. Find a flight between 'SA' and 'SYD'
  3. Double the cost of flights between 'SYD' and 'NT'
  4. Delete all the flights with cost less than 300

*NOTE: Leave the callbacks' body blank*

# Question 3 (25)

Assume you have this HTML code:

```
1  <html>
2  <body>
3      <form action="/bookingpost" method="POST">
4          <input type="text" name="from" />
5          <input type="text" name="to" />
6          <input type="text" name="airline" />
7          <input type="submit" value="Submit" />
8      </form>
9  </body>
10 </html>
```

*Note: MORE IS LESS*

Using Node.js, Express, and MongoDB, write a server side code that handles the form's request and inserts a document into a collection named '**flights**' in a database named '**travel**' which is hosted by a machine with IP='42.128.78.49' and listens to port **55312**.