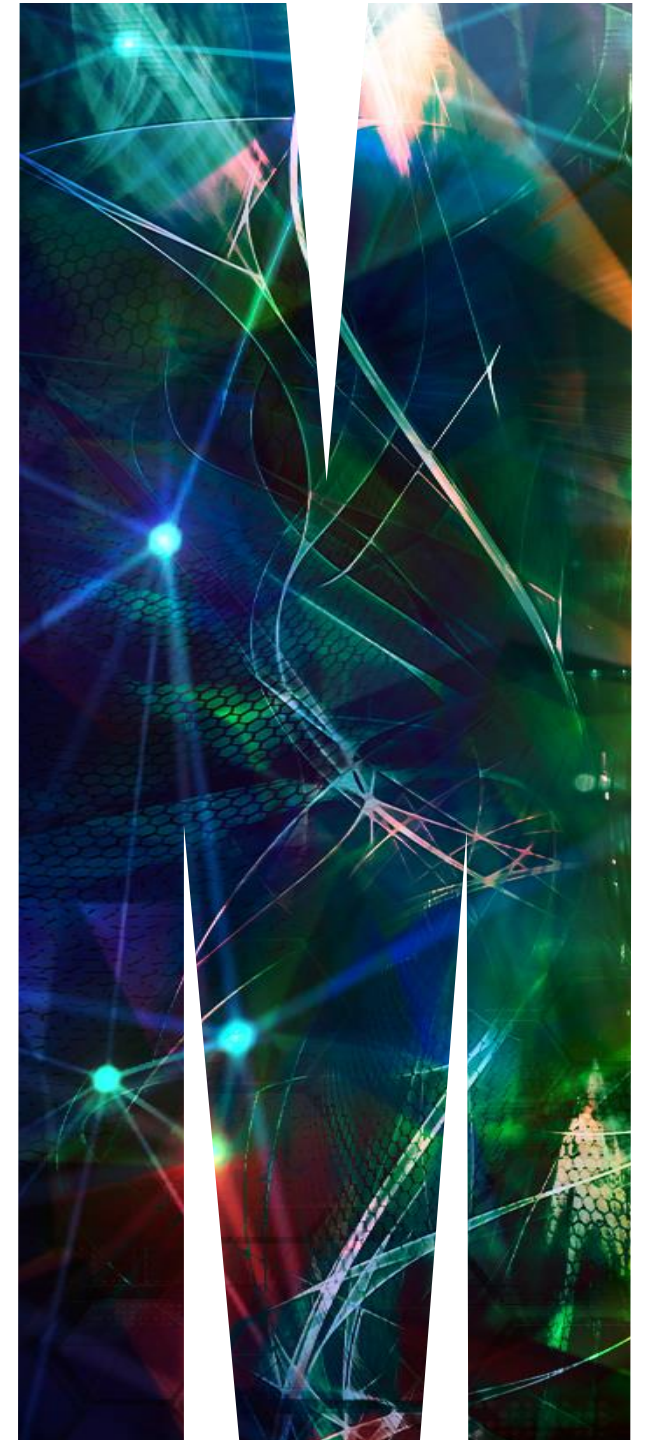


FIT2095

e-Business software technologies

- Week 11 - Workshop Quiz
- 3 Questions



Question 1 (30) marks

1. `io.sockets.emit(param1,param2);`

- What is the datatype and the role of param1 and param2? Provide an example.

2. `io.on(param3,param4);`

- What is the datatype and the role of param3 and param4? Provide an example.

Question 2 (10) marks

1. List two differences between HTTP connection request and Socket.io connection?
2. Socket.io supports the separation of concerns design principle. Explain this statement.

Question 3 (25) marks

Develop a server-side application using Node.js and Socket.io that:

1. Listens to all socket.io connection requests
2. Listens to a socket.io event named 'values', which arrives with an integer number in its payload
3. The server has to emit the **square** of that number to the sender only using an event named "**yourSquare**".
4. The server has to emit the **square** of that number to all clients except the sender using an event named "**newSquare**".