(1-2 paragraphs/bullets, etc) answers for the following. It is important that you have reviewed

the module material in advance

1

Explain what is meant by the stream abstraction. What is the relationship

between streams and the observer pattern? What are streams useful for

modeling and when might you use them in Rich Web development?

10

Marks

2

Assume that you are building an interface to an API in your Rich Web App.

Describe in detail how you could use the RxJS library to handle asynchronous

network responses to API requests. In your opinion, what are the benefits to

using a streams library for networking over, say, promises? And what do you

think are the downsides?

10

Marks

3

Consider three asynchronous tasks, A,B & C. What are the consequences of

these functions sharing global state? What is a good practice to alleviate any

problems associated with this?