**Sample project on Anypoint Studio**

To get some idea, generated a sample flow using mule 4 components in Anypoint studio

**Sample flow:**

HTTP Listener -> Logger -> Transform message

Components that have used in this sample flow:

**HTTP listener**:

The HTTP listener is an event source that enables you to set up an HTTP server and trigger flows when HTTP requests are received.

You can choose what methods the source accepts, such as GET, POST or a list of methods, and on which path to accept requests, thereby allowing the routing of requests through different flows.

Once a request is accepted by the listener, the corresponding flow is triggered with the HTTP body as payload and the HTTP data as attributes (headers, query parameters and so on).

When the flow finishes its execution, the HTTP listener enables you to customize the HTTP response based on whether the execution was successful or not, so that different status codes can be returned.

**Logger**:

This component helps you to monitor and debug your Mule application by logging important information such as error messages, status notifications and payload.

**Transform message:**

\* The Transform Message component carries out transformations over the input data it receives. You can explicitly write out a transformation in Data Weave language.

\* It is used to transform one format of data into any format of data.

**Flow Explanation:**

1. Take HTTP listener to listen the http requests.

2. Logger to print the content on console.

3. Transform message is to transform the format of data into any format.

4. This flow will give a bit clarity on how these components will work out.