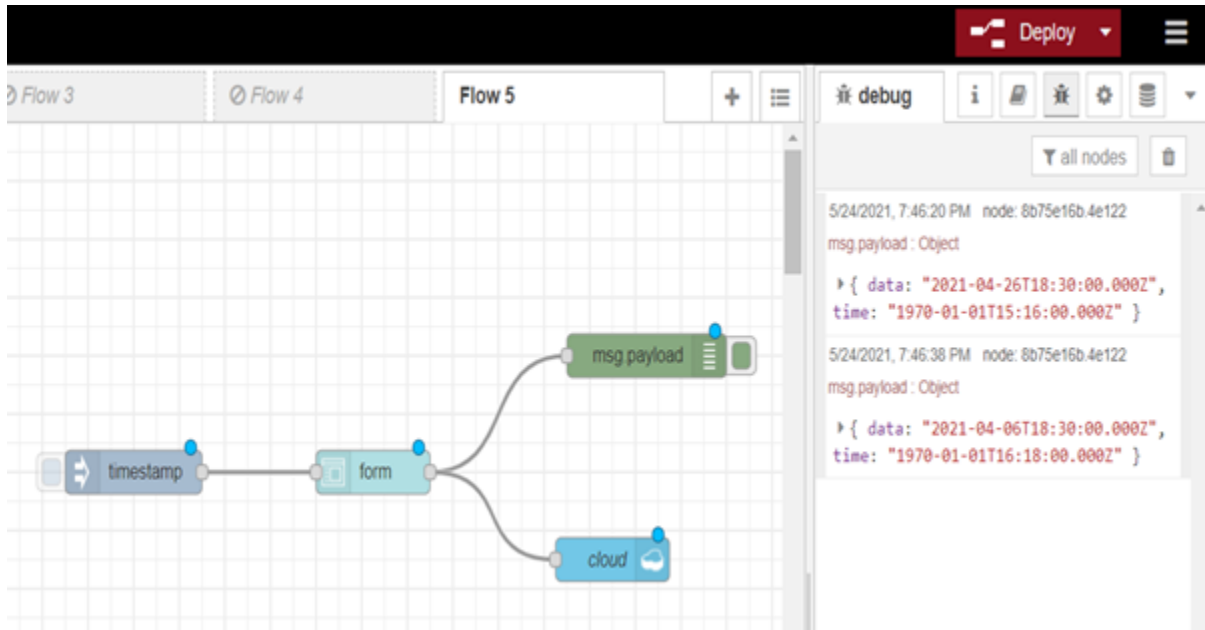


ASSIGNMENT-5

Create a web dashboard to take user input for scheduling the pump controller (date & time). store the data in the Cloudant DB.

you can use Form Nodes in dashboard nodes to take user input.

Node Red:



Node Red UI:

The image shows a web dashboard for scheduling a pump controller. It has a blue header bar with the text 'Home'. Below the header, there is a form titled 'Default'. The form contains two input fields: 'DATE' and 'HHMM'. The 'DATE' field has a calendar icon, and the 'HHMM' field has a clock icon. Below the input fields are two buttons: 'SUBMIT' and 'CANCEL'.

Home

Default

DATE

HHMM

SUBMIT CANCEL

Database Output:

The screenshot displays a database management interface with a sidebar on the left and a main content area on the right. The sidebar contains a 'data' section with a dropdown menu showing 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main content area shows a list of documents. The first document has the ID '76804fe22cabc5427ced7a350524ed5e' and contains a JSON object with fields: 'id', 'key', 'value', 'doc', 'data', and 'socketId'. The second document has the ID 'cef2caa0b95e1917e9a04aecc2aa130' and contains a similar JSON object. The interface includes a 'Document ID' dropdown, 'Options', and 'JSON' buttons at the top right. At the bottom right, it shows 'Showing document 1 - 2' and 'Documents per page: 20'.

```
{
  "id": "76804fe22cabc5427ced7a350524ed5e",
  "key": "76804fe22cabc5427ced7a350524ed5e",
  "value": {
    "rev": "1-c492f8ecf1e134fa09ff115a2ece99a30"
  },
  "doc": {
    "_id": "76804fe22cabc5427ced7a350524ed5e",
    "_rev": "1-c492f8ecf1e134fa09ff115a2ece99a30",
    "payload": {
      "data": "2021-04-26T18:30:00.000Z",
      "time": "1970-01-01T15:16:00.000Z"
    },
    "socketId": "GannMu0B8CtjN_yAAA0"
  }
}
```

```
{
  "id": "cef2caa0b95e1917e9a04aecc2aa130",
  "key": "cef2caa0b95e1917e9a04aecc2aa130",
  "value": {
    "rev": "1-b3e29cb88139ca180e9e43352ee3f177"
  },
  "doc": {
    "_id": "cef2caa0b95e1917e9a04aecc2aa130",
    "_rev": "1-b3e29cb88139ca180e9e43352ee3f177"
  }
}
```