

## Real Time River water quality monitoring and control system:

### Developing Python Script:

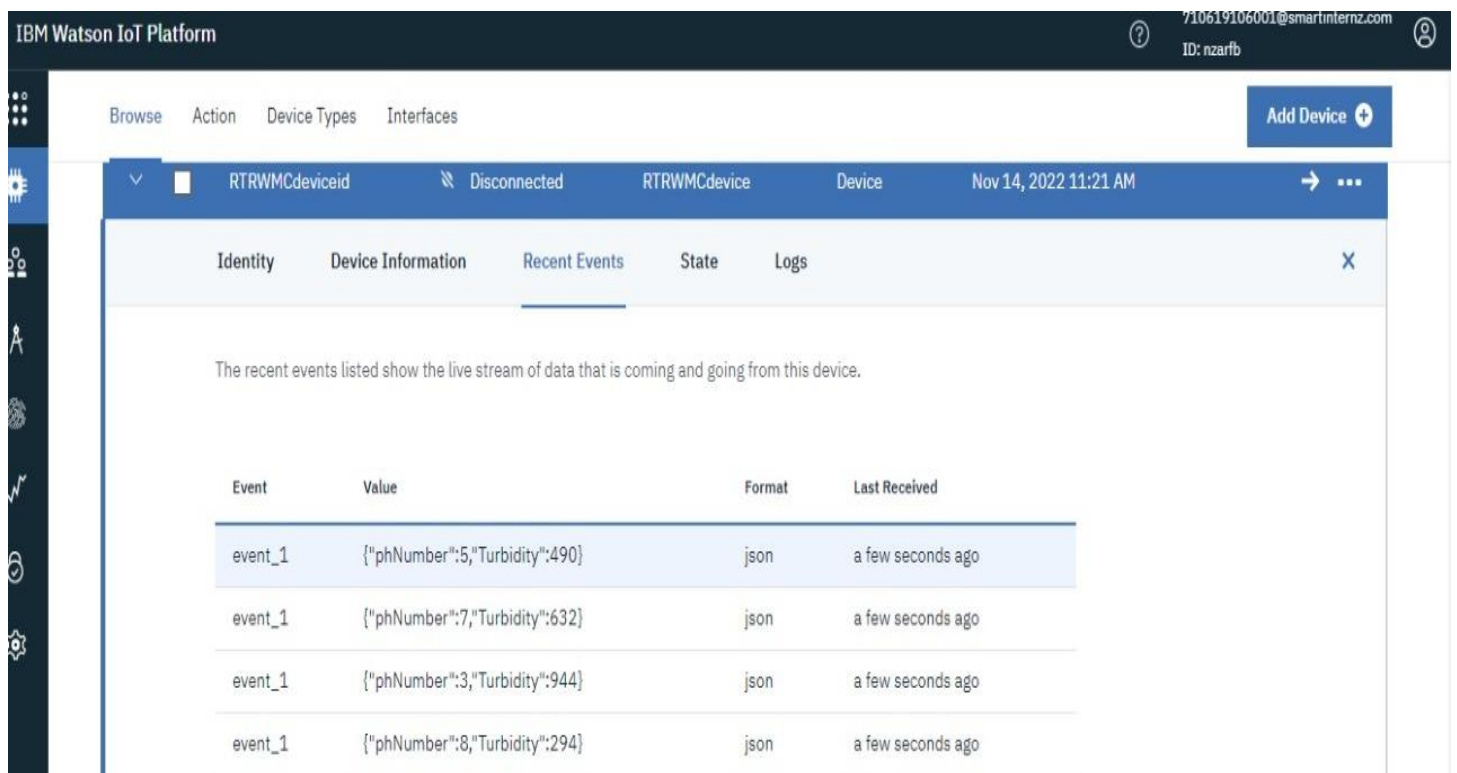
Import random

```
pH = random.randint (1,14)
```

```
Turbidity = random.randint (1,500)
```

Print (pH)

Print (Turbidity)



The screenshot displays the IBM Watson IoT Platform interface. At the top, the header shows 'IBM Watson IoT Platform' on the left, a user profile icon and ID '710619106001@smartinternz.com' on the right, and a sub-header with 'Browse', 'Action', 'Device Types', and 'Interfaces'. A blue 'Add Device' button is on the far right. Below the header, a device card for 'RTRWMCdeviceid' is shown, with a status of 'Disconnected' and a timestamp of 'Nov 14, 2022 11:21 AM'. The card has tabs for 'Identity', 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' tab is selected, showing a list of events. A message states: 'The recent events listed show the live stream of data that is coming and going from this device.' The events are listed in a table with columns: Event, Value, Format, and Last Received.

Event	Value	Format	Last Received
event_1	{"phNumber":5,"Turbidity":490}	json	a few seconds ago
event_1	{"phNumber":7,"Turbidity":632}	json	a few seconds ago
event_1	{"phNumber":3,"Turbidity":944}	json	a few seconds ago
event_1	{"phNumber":8,"Turbidity":294}	json	a few seconds ago