

Source code is deployed on IBM Watson IOT platform to generate sensor data.

SOURCE CODE:-

```
{  
  "temperature": random(0,100),  
  "humidity": random(0,100),  
  "moisture": random(0,100),  
  "animaldetected": random(0,2)  
}
```

OUTPUT:-

The screenshot displays the IBM Watson IoT Platform interface. The main dashboard shows a list of devices, with one device (ID: 123) selected. The device is in a 'Disconnected' state. A modal window is open for configuring the device, showing the 'Event type name' as 'event_1' and the 'Schedule' as 'Every Minute'. The 'Payload' section shows a JSON object with four fields: 'temperature', 'humidity', 'moisture', and 'animaldetected', each with a random value generator. The 'Recent Events' table shows a stream of data from the device, including temperature, humidity, moisture, and animal detection status.

Event	Value	Format	Last Received
event_1	{"temperature":23,"humidity":49,"moisture":33,"..."}	json	a few seconds ago
event_1	{"randomNumber":24}	json	a few seconds ago
event_1	{"randomNumber":16}	json	2 minutes ago
event_1	{"randomNumber":63}	json	3 minutes ago
event_1	{"randomNumber":91}	json	4 minutes ago