

WRITE A FUNCTION TO COMPARE THE TIME

NODE RED – FORM CREATION

The screenshot shows the Node-RED web interface. A flow is visible with nodes: 'timestamp', 'function', 'medicine', 'switch', 'function', 'delay 10s', 'form', and 'message out'. The 'Edit function node' panel is open, showing the following JavaScript code:

```
1 var d=msg.payload.date;
2 var t=msg.payload.time;
3
4 var date = d.slice(0,10)
5 var time=t.slice(10,25)
6 var hit=new Date(date+time)
7 hit.setDate(hit.getDate() + 1);
8 var utc=hit.getTime()+(hit.getTimezoneOffset()*60000);
9 var offset=5.5
10 newDate = new Date(utc+(3600000*offset));
11 var n =newDate.toISOString()
12 var da = n.slice(0,10)
13 var ti=n.slice(11,16)
14 msg.payload={
15   "id": da+" "+ti,
16   "name": msg.payload.name
17 }
18 return msg;
```

Click on Done after creating the form

NODE RED – FORM USAGE

The screenshot shows the Node-RED form usage interface. The form is titled 'Default' and contains the following elements:

- A label 'medicine' with a red asterisk.
- A 'Time' input field with a clock icon.
- A 'Date' input field with a calendar icon.
- 'SUBMIT' and 'CANCEL' buttons.