

DATE	20/10/2022
TEAM ID	PNT2022TMID43222

FUNCTION TO COMPARE TIME

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow with a 'timestamp' node connected to a 'function' node, which is then connected to a 'delay 10s' node. The 'function' node is selected, and its configuration panel is open on the right. The 'Properties' tab is active, showing the 'Name' field and the 'On Message' trigger. The 'Code' editor contains the following JavaScript code:

```

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

```

The interface also shows a 'debug' console on the right and a Windows taskbar at the bottom with the date 24-10-2022 and time 14:08.