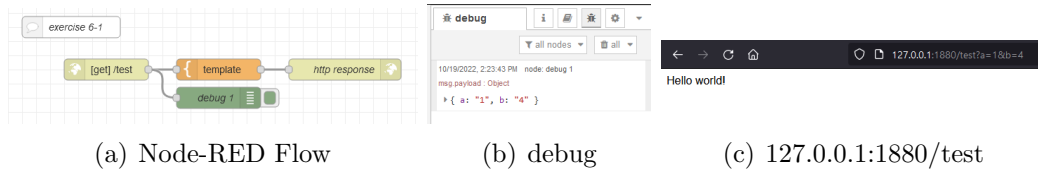# 物聯網實務第六周作業

電機四乙10828241 陳大荃

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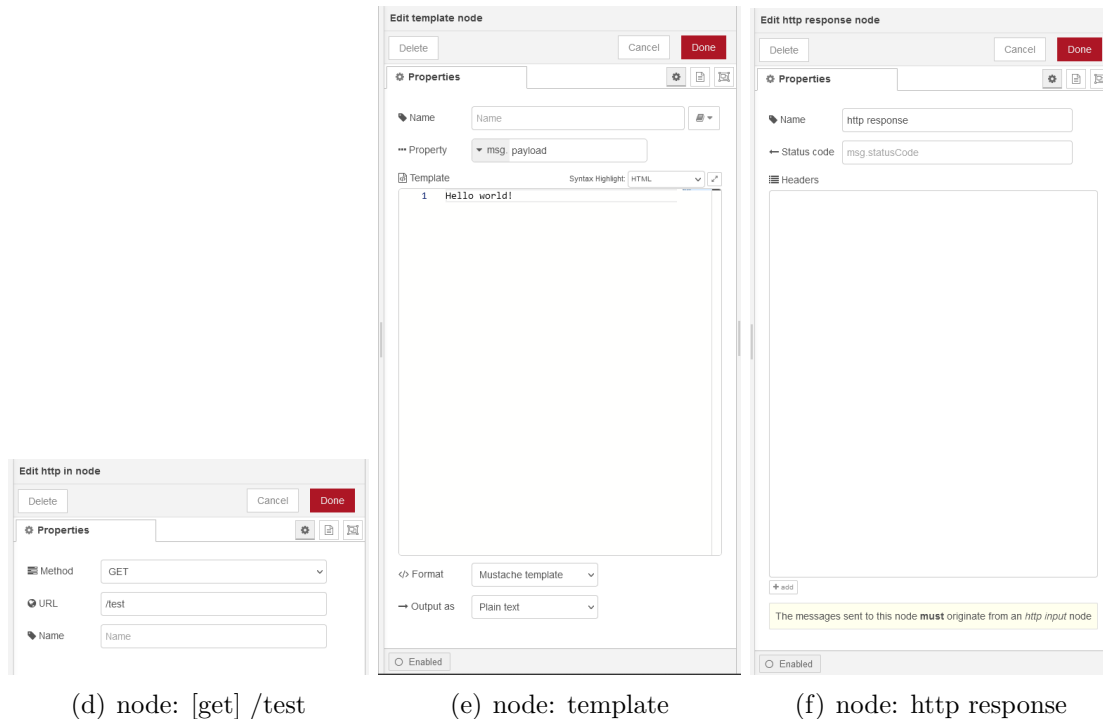
Exercise 6-1 GET and http response.

(a) Node-RED Flow

(b) debug

(c) 127.0.0.1:1880/test

(d) node: [get] /test

(e) node: template

(f) node: http response

Figure 1: Exercise 6-1.
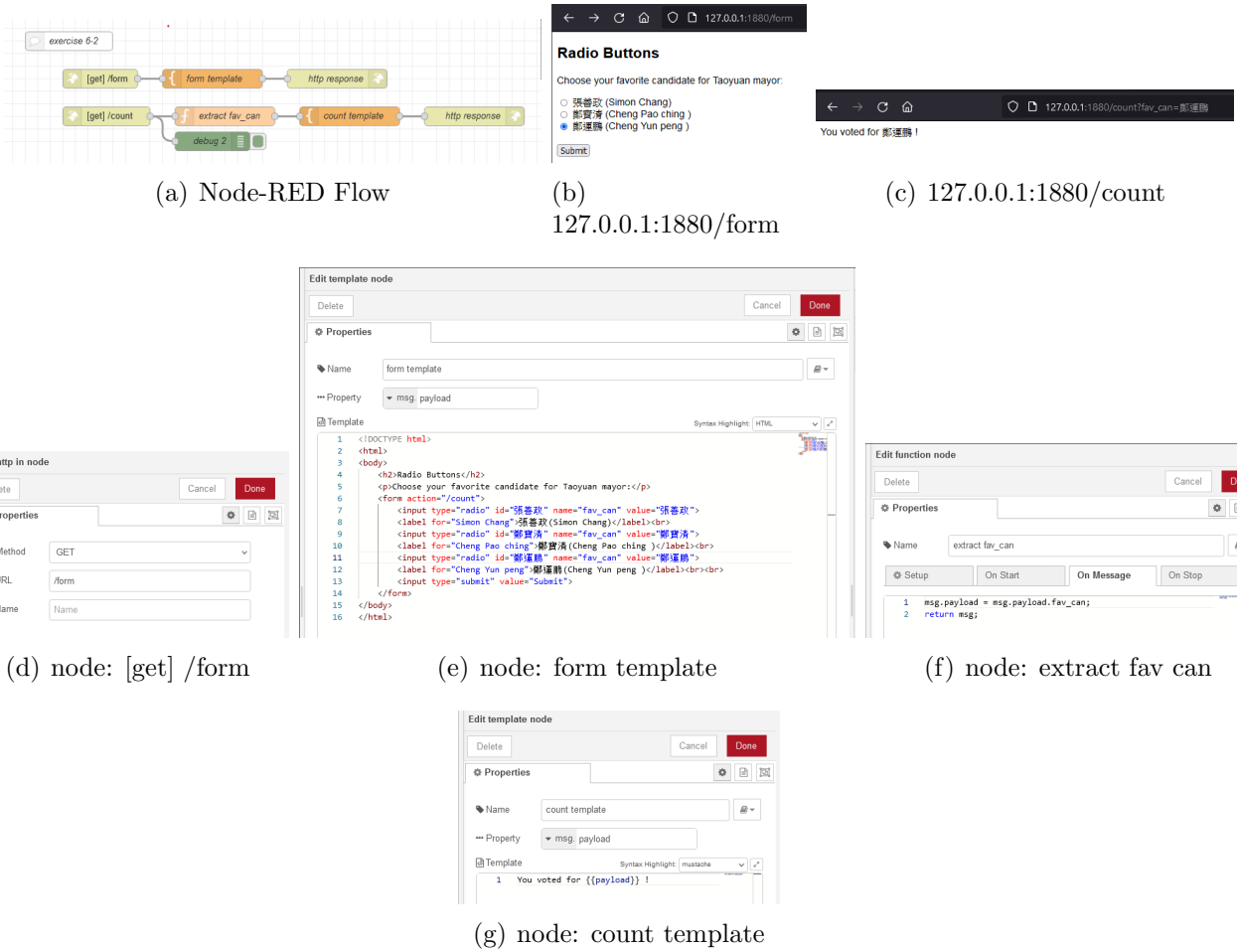
Exercise 6-2 Design of a voting system.

(a) Node-RED Flow

(b) 127.0.0.1:1880/form

(c) 127.0.0.1:1880/count

(d) node: [get] /form

(e) node: form template

(f) node: extract fav can

(g) node: count template

Figure 2: Exercise 6-2 (new nodes).

Exercise 6-3 Evaluate the voting results.
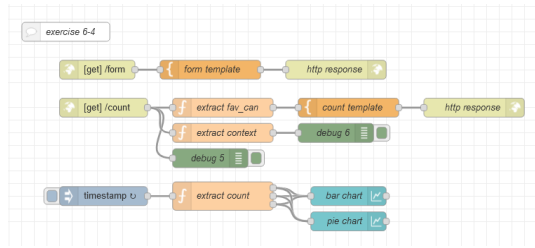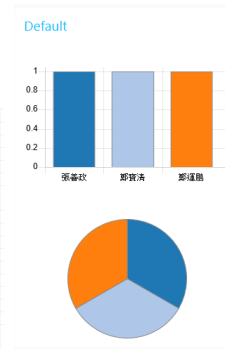

(a) Node-RED Flow

(b) debug

(c) node: extract context
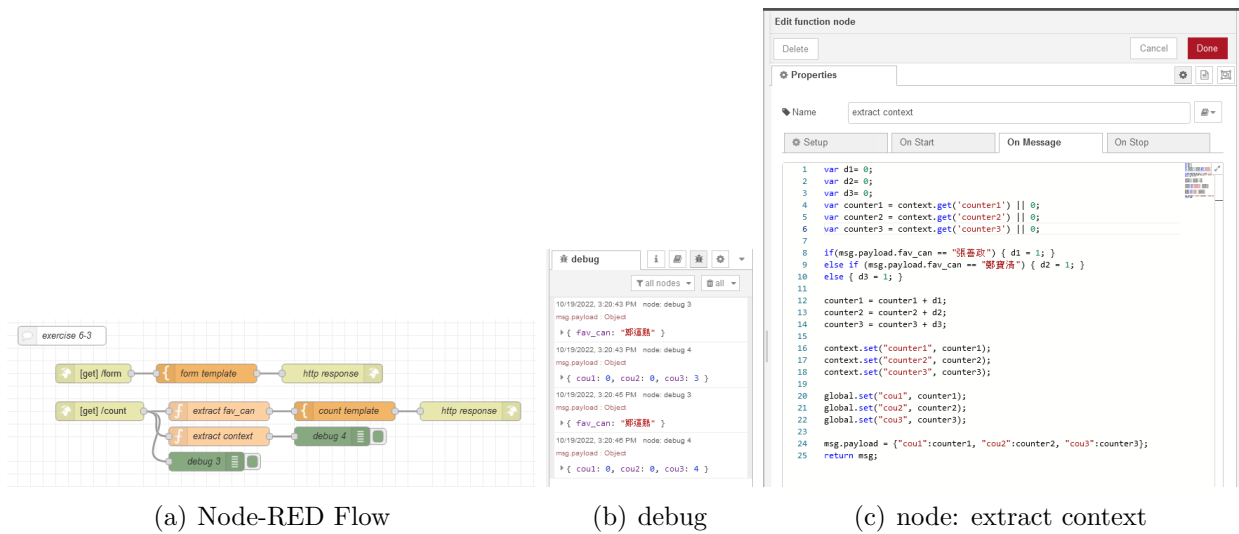
Figure 3: Exercise 6-3 (new nodes).

Exercise 6-4 Visualize the voting results.

(a) Node-RED Flow

(b) Dashboard

(c) Context

(d) node: extract count

(e) node: bar

(f) node: pie

Figure 4: Exercise 6-4 (new nodes).

Exercise 6-5 Design a voting system for four candidates.

(a) flow

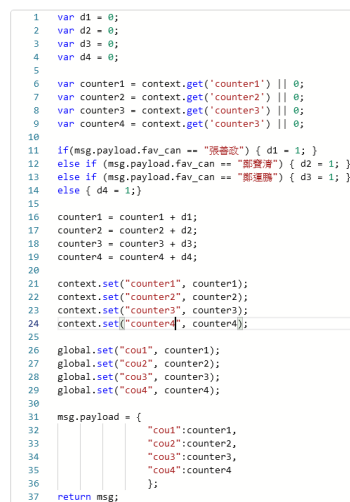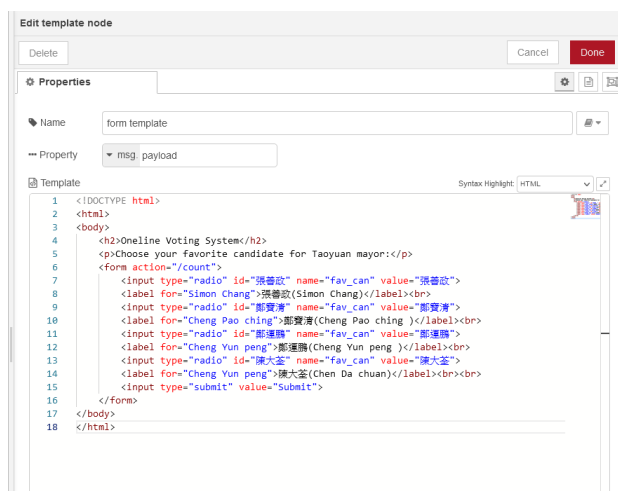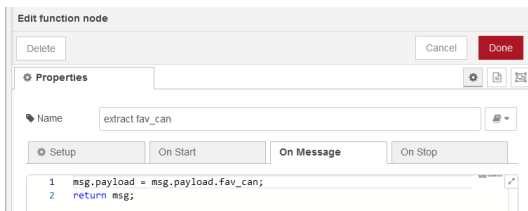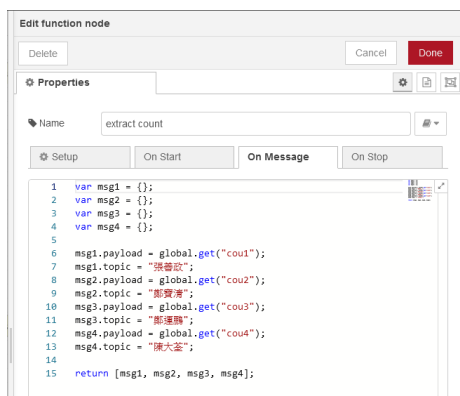(b) node: clear template

(c) node: status template

(d) node: clear vote

(e) node: count template

(f) node: extract count
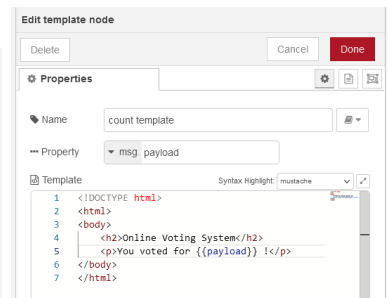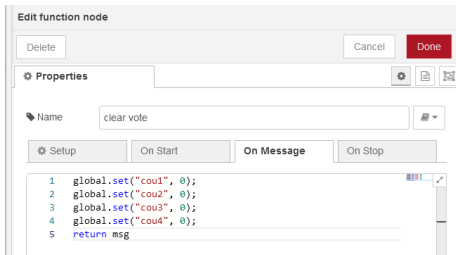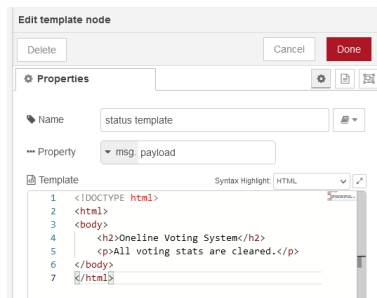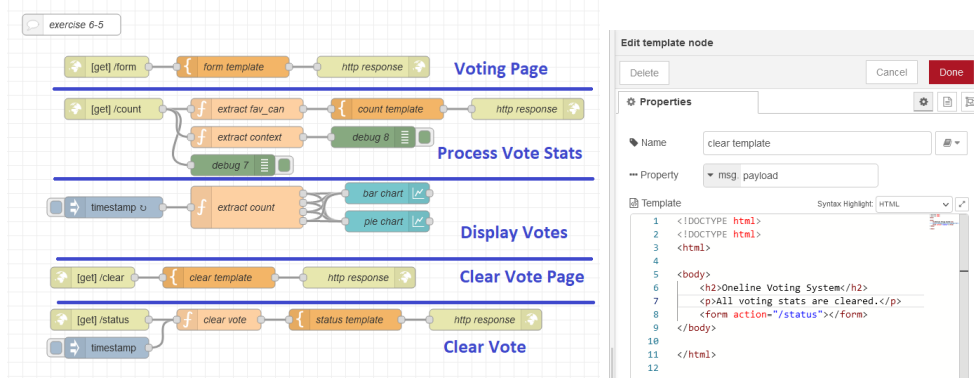

(g) node: extract fav can

(h) node: form template

(i) node: extract context

Figure 5: Exercise 6-5 (new nodes).