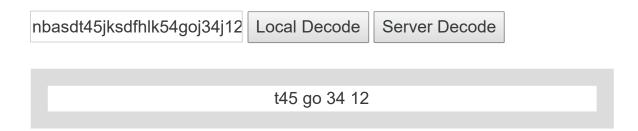
```
A4.html
   1 ▼ <html>
   2
  3 ▼ <head>
           <title>Todo Application</title>
   4
           <script type="text/javascript" src="A4.js"></script>
   6
           <script
           src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js">
           </script>
           <link rel="stylesheet" type="text/css"</pre>
           href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-
           alpha.2/css/bootstrap.min.css">
           <link rel="stylesheet" type="text/css" href="A4.css">
   8
  9
      </head>
  10
  11 ♥ <body>
           <div class="container">
  12 ₹
  13
  14
               <div class="jumbotron text-center">
  15 ₹
  16
                   <h1>Tank Wars Console</h1>
  17
               </div>
  18
 19
           </div>
 20 ♥
           <div class="container">
 21
               <input type="text" placeholder="enter encoded command"</pre>
  22
               id="encodedCommand">
  23
  24
               <button type="button" onclick="localDecode()">Local Decode</button>
  25
  26
               <button type="button" onclick="serverDecode()">Server Decode</button>
  27
  28
           </div>
  29
  30
           <br>
  31
           <div class="container">
  32 ₹
  33
  34 ₹
               <div class="boxed" id="decodedCode" placeholder="Decoded command</pre>
               appears here.">
                   Decoded command will appear here.
  35
  36
               </div>
           </div>
 37
 38
 39
      </body>
 40
 41
      </html>
```

```
1 ▼ function localDecode(){
 3
        var encodedCommand = document.getElementById("encodedCommand").value;
 4
        var re = /(t[0-9]+).*(s|go)/;
        var matchlist = re.exec(encodedCommand);
        var output;
         var tank = matchlist[1];
        var command = matchlist[2];
 8
9
10
         //matching go command
11 ₹
         if (command == "s") {
12
13
            out = tank + " " + command;
14
15 ₹
        } else {
16
17
            re = /(t\d+).*?(go).*?(\d+).*?(\d+)/;
18
19
            matchlist = re.exec(encodedCommand);
20
            var c1 = matchlist[3];
21
            var c2 = matchlist[4];
22
            out = tank + " " + command + " " + c1 + " " + c2;
23
24
25
        document.getElementById("decodedCode").innerHTML = out;
26
    };
27
28 ₹
    function serverDecode() {
29
        var encodedCommand = document.getElementById("encodedCommand").value;
30
     var data = $.getJSON(
31 1
             "A2server.py", {
32
                msg: encodedCommand
33
34 ₹
            function (data) {
35
                command = data["command"];
36
                document.getElementById("decodedCode").innerHTML = command;
37
38
            )};
39
```

Tank Wars Console



Tank Wars Console

ssvbt69dsdfrs	Local Decode	Server Decode	
	100		
	t69 s		

```
1 #!/usr/bin/env python
    import cgi
    import json
    import re
    import cgitb
    cgitb.enable()
 8
    print "Content-Type: text/json\n"
9
10
    parmDict = cgi.FieldStorage()
11
12
    encodedCommand = parmDict['msg'].value
13
14
15 ₹
    def getDecodedCommand(encodedCommand):
16
     # matching go command
17
18 ₹
     if re.search(r'(t[0-9]+).*(go)\D*(\d+)?\D*(\d+)?', encodedCommand):
19
         # actually extract tuples
         inputString = re.findall(r'(t[0-9]+).*(go)\D*(\d+)?\D*(\d+)?',
20
         encodedCommand)
21
         # convert list of tuples to string
         convertedString = (" ".join("%s %s %s %s" % tup for tup in inputString))
22
23
24
     # matching stop command
     elif re.search(r'(t[0-9]+).*(s)', encodedCommand):
25 ₹
        # actually extract tuples
26
27
        inputString = re.findall(r'(t[0-9]+).*(s)', encodedCommand)
28
        # convert list of tuples to string
        convertedString = (" ".join("%s %s" % tup for tup in inputString))
29
30
31
     return convertedString
32
33
    for element in range(0, len(encodedCommand)):
34 ▼
        command = getDecodedCommand(encodedCommand)
35
36
    data = {"command": command}
37
38
    json_data = json.dumps(data)
39
40
41
    print json_data
```

```
1 ▼ h1 {
       text-align: center;
3
4
5 ▼ #decodedCode {
       border: 1em solid gainsboro;
       text-align: center;
8
   }
9
```



Tank Wars Console

khjkat31jlkhjago;76wee12 Local Decode Server Decode

t31 go 76 12

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Tank Wars Console

uyyujjyut67ahjkas	Local Decode	Server Decode	
	t67 s		

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