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Homework: /SI110/The Cyber Battlefield/Programs 5

1. Suppose **foo** is a variable of type string. 30/25/15/0

Which of the following evaluates to

- | | | |
|------------------------------------|--------------------------|--------------------------------------|
| (1) <code>foo[foo.length]</code> | <input type="checkbox"/> | a. the first character of foo |
| (2) <code>foo[foo.length-1]</code> | | |
| (3) <code>foo[1]</code> | <input type="checkbox"/> | b. last character of foo |
| (4) <code>foo[0]</code> | | |

2. What does the following program do? In other words, if the user enters some string, what does this program output? 30/25/20/0

```
var sin = prompt("Enter a string");
var sout = "";
var i = 0;
while(i < sin.length)
{
  if (sin[i] == '"' || sin[i] == "'")
  {
    sout = sout + "\\\"";
  }
  sout = sout + sin[i];
  i = i + 1;
}
alert(sout);
```

answer:

Note: Feel free to try it out! <http://rona.cs.usna.edu/~si110/lec/109/hw/hw.html>

3. What is the value of expression **"fright".charCodeAt(2)**? Why is that the value? 20/15/10/0
(Note: "cause I tried it and that's what I got isn't a good enough answer!)

4. What is the value of **String.fromCharCode(81)**? Why is that the value? 20/15/10/0
(Note: "cause I tried it and that's what I got isn't a good enough answer!)