String:

```
var coffee = “Pumpkin Spice Latte”;
```

Data type of coffee is **string**

**Puzzle #1**

coffee.length = 19  (space also count)

coffee[2] = ‘m’

coffer[11] = ‘c’

coffee.charAt(10) = ‘i’

```
var b10 = ["UIUC", "IU", "Iowa",
"UMD", "UMich", "MSU", "Minnesota",
"Nebraska", "Northwestern", "OSU",
"Penn State", "Purdue", "Rutgers" ];
```

The data type of b10 is **array.**

**Puzzle #2:**

b10.length = 13

b10[2] = “Iowa”

b10[11] = “Purdue”

**Puzzle #3:**

b10[0] = “UIUC”

Data type of b10[0] is **string**

b10[0].length = 4

b10[0][1] = “I”

```
var b10 = ["UIUC", "IU", "Iowa",
"UMD", "UMich", "MSU", "Minnesota",
"Nebraska", "Northwestern", "OSU",
"Penn State", "Purdue", "Rutgers" ];
```

```
var count = 0;
for (var i = 0; i < b10.length; i++)
{
  var b10school = b10[i];
  if (b10school[0] == "U") {
    count = count + 1;
  }
}
```

What is the value of count?

**Puzzle #4:** For-loop runs once: 1

**Puzzle #5:** Six times: 3

**Puzzle #6:** The program complete: 3

**Puzzle #7:**

```
var b10meme = function (school) {
  ...
}
```

Function name: b10meme

Parameter: school

**Puzzle #8 & Puzzle #9:** Call the function

```
var b10meme = function(school){

}


b10meme("UIUC");
b10meme("Michigan");
b10meme("IU");
```

**Puzzle #10:**

```
var b10meme = function(school){
    if (school == "UIUC")
        alert("UIUC #1");
    else
        alert("Boo "+school);
}
```