

You answered 8 of 8 questions correctly.

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Question 1 of 8

Given the XML below, what would be the correct Python code to add a third item to the list that has a yellow color and a small size?

```
<?xml version="1.0" encoding="UTF-8" ?>
<catalog>
  <item color="blue" size="large"/>
  <item color="red" size="medium"/>
</catalog>
```

☐

```
doc = xml.dom.minidom.parse("my.xml")
attribute1 = doc.createAttribute("color", "yellow")
attribute2 = doc.createAttribute("size", "small")
element = doc.insertInElement("item", attribute1, attribute2)
doc.firstChild.appendChild(element)
```

☐

```
doc = xml.dom.minidom.parse("my.xml")
newItem = doc.createElement("item")
newItem.setAttribute("color=yellow", "size=small")
doc.appendChild(newItem)
```

☐

```
doc = xml.dom.minidom.parse("my.xml")
firstChild = doc.firstChild()
newItem = firstChild.createElement("item")
newItem.setAttribute("color", "yellow")
newItem.setAttribute("size", "small")
```

☒

```
doc = xml.dom.minidom.parse("my.xml")
newItem = doc.createElement("item")
newItem.setAttribute("color", "yellow")
newItem.setAttribute("size", "small")
doc.firstChild.appendChild(newItem)
```

Correct

Question 2 of 8

Given the JSON data below is loaded to the variable `x`, which call will print "jane"?

```
{
  "users": [
    {"name": "john", "gender": "male"},
    {"name": "jane", "gender": "female"},
    {"name": "jim", "gender": "male"},
    {"name": "jackie", "gender": "female"}
  ]
}
```

☐

```
print(x["users"][1])
```

☐

```
print(x[1]["name"])
```

☐

```
print(x["users"][2]["name"])
```

☒

```
print(x["users"][1]["name"])
```

Correct

Question 3 of 8

What is returned by the `getpos()` method of the HTML parsing parent class?

☒ the line and position where the specific element starts

Correct

- ☐ the index of the attribute inside the tag
- ☐ the last offset in the HTML content where processing stopped
- ☐ the line and position of the closing bracket of the specific element

Question 4 of 8

What is the name of the base class that Python provides that you must derive a class from to work with HTML?

- ☐ HTMLReader
- ☐ ReadHTML
- ☐ HTMLTags
- ☒ HTMLParser

Correct

Question 5 of 8

Given the following JSON data stored in a variable named "theJSON", how can you list only the skill names?

```
{
  "name": "John",
  "title": "Python Developer",
  "skills": [{
    "name": "coding",
    "level": "expert"
  },
  {
    "name": "documentation",
    "level": "basic"
  }]
}
```

- ☒

```
for i in theJSON["skills"]:
    print(i["name"])
```

Correct

- ☐

```
print(theJSON["skills"].theJSON["name"].theJSON["**"])
```
- ☐

```
print(theJSON["skills"]["name"])
```
- ☐

```
for i in theJSON:
    print(i["skills"]["name"])
```

Question 6 of 8

The following code, which is intended to write the HTML source content of the google.com homepage to the console, is missing a line at the ??? placeholder. What should this line be?

```
import urllib.request
webUrl = urllib.request.urlopen("http://www.google.com")
???
print(results)
```

- ☐

```
webUrl.read(results)
```
- ☐

```
results = webUrl.getCode()
```
- ☐

```
webUrl.request.read(results)
```
- ☒

```
results = webUrl.read()
```

Correct

Question 7 of 8

How do you send an HTTP request?



```
urllib("https://mysite.com")
```



```
urllib.request.urlopen("https://mysite.com")
```

Correct



```
urllib.request.send("https://mysite.com")
```



```
urllib.request("https://mysite.com")
```

Question 8 of 8

What value should be returned by the call to the URL request `getcode()` method to confirm that the specified URL has successfully returned data?



404



null



301



200

Correct