

Software Engineering Boot Camp Survey

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Hobby: __Coding and watching documentaries__

1. Have you taken any computer/IT courses?

If yes, what courses have you taken?

Python, C++ and Java

2. Do you have any IT desk support/network work experience? If yes, how many years work experience do you have and what is your job duty?

No

3. On a scale of 1 to 10, how would you rate your HTML, CSS skills?

0 1 2 3 4 **5** 6 7 8 9 10

4. On a scale of 1 to 10, how would you rate your JavaScript, JQuery, Python and database skills?

JavaScript 0 1 2 3 **4** 5 6 7 8 9 10

JQuery 0 1 2 **3** 4 5 6 7 8 9 10

Python 0 1 2 3 4 **5** 6 7 8 9 10

Database/SQL 0 1 2 **3** 4 5 6 7 8 9 10

5. What do you expect to achieve in this class?

I expect to enhance my technical and programming skills by building full-stack web applications and databases.

Python practice test

1. What does the following code output?

```
1 | the intensity = 125.11
2 | print(the intensity)
```

- A. The intensity
- B. 125.11
- C. **SyntaxError: invalid syntax**

2. What would the value of `x` be if we executed the following code?

```
x = str(int(float('2')))
```

- A. **'2'**
- B. '2.0'
- C. SyntaxError: invalid syntax

3. What does the code below output?

```
1 | if not 1 in [10, 20] and 1 < 2:
2 |     print(1)
3 | else:
4 |     print(2)
```

- A. **1**
- B. 2
- C. None

4. What does the following code output?

```
1 | d = {
2 |     "food": {
3 |         "rice":
4 |             {
5 |                 "weight": 30.1,
6 |                 "taste": "good",
7 |                 "forms": ["boiled"]
8 |             },
9 |     "banana":
10 |         {
11 |             "weight": 19,
12 |             "taste": "excellent",
13 |         }
14 |     }
15 | }
16 |
17 | print(d['food']['banana']['taste'])
```

Your Answer: excellent

5. What would the output of the following code be?

```
1 | def foo(*args):
2 |     return len(args)
3 | print(foo(1, 2, 4))
```

A. 1

B. 2

C. 3

D. 4