

2. Given a list of Dictionary as below, write a python code to sort the list in ascending orders by dictionary's value [{'score':15},{'score':12},{'score':10}]

Expected Output: [{'score': 10}, {'score': 12}, {'score': 15}]

NOTE: The long answer field is enough for writing your scripts.

(0/5 Points)

Enter your answer

3. Which tag is used to define internal CSS script?

(-1 Points)

- ☐ <script>
- ☒ <style>
- ☐ <schema>
- ☐ None of the Above

4. What is the output of following JavaScript code snippet?

```
const array = [ ,11, 21, 31, 41, 51];  
const [x] = array;  
alert(x);
```

(-1 Points)

- ☐ 11
- ☐ Null

☒ undefined

☐ NaN

5. _____ is identified as a fourth generation language
(-1 Points)

☒ UNIX shell

☐ C++

☐ FORTRAN

☐ COBOL

6. Please follow below instructions and write a Python program which does the following

Step 1. Define a list A = [1,2,3,4,5]

Step 2. Print the list

Step 3. Take an input from user asking for a valid list index

Step 4. Print the value at that index, given by user. For example, if user inputs 1, output should be A[1] = 2

Step 5. If the user provides wrong input, don't throw an exception. Re-print the entire list and again ask the user to provide valid index number.

You don't need to terminate the program.

NOTE: The long answer field is enough for writing your scripts.

(5/5 Points)

```
A=[1,2,3,4,5]
while(True):
    print(A)
    ind=input("Enter valid index\n")
    try:
        num=int(ind)
        print(A[num])
    except:
        continue
```

7. Which of the following statement is correct for SHELL?

(-/1 Points)

- ☐ In SHELL, xepx command prints output on screen directly without saving into a variable
- ☐ echo \$home prints home directory of your SHELL
- ☒ In SHELL, (()) handles math operations
- ☐ echo \$shell prints the version of your SHELL

8. Consider the HTML code below and Identify the correct DOM code in order to fetch the value entered in username text field?

```
<body>
<form name="reg">
Enter username < input value="Sachin" id="name" name="username">
</form>
</body>
```

(-/1 Points)

- ☐ document.register.name (<http://document.register.name>).value
- ☐ document.getElementByName ("name").value
- ☒ document.getElementById ("name").value
- ☐ None of the Above

9. What is the output of following JavaScript code snippet?

```
console.log(!'Intro to Software Systems');
```

(-/1 Points)

- ☐ Intro to Software Systems

- ☐ undefined
- ☐ true
- ☒ false

10. What is the output of following JavaScript code snippet?

```
alert(console.log(typeof typeof 1));
```

(-/1 Points)

- ☐ NaN
- ☐ Number
- ☐ TypeError
- ☒ None of the Above

11. Arrange the following for making a software product

1. Design strategy
2. Transformation into product
3. Implementation
4. Requirement gathering

(-/1 Points)

- ☐ 3,2,1,4
- ☐ 4,2,1,3
- ☐ 2,4,1,3
- ☒ 4,1,3,2

12. What is the output of following JavaScript Code snippet?

```
function checkAge(age) {  
  if (age < 18)  
  {  
    const message = "Sorry, you're too young.";  
  }  
  else {  
    const message = "Yay! You're old enough!";  
  }  
  return message;  
}  
console.log(checkAge(21));
```

(-/1 Points)

- ☒ Undefined
- ☐ Yay! You're old enough!
- ☐ NaN
- ☐ ReferenceError

13. Which the following is not an HTML tag?

(-/1 Points)

- ☐ <hr>
- ☐

- ☐ <tr>
- ☒ <ur>

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