Name:_____ ID:_____ Signature: _____

İSTANBUL TECHNICAL UNIVERSITY

Department of Computer Engineering

BLG103E – Introduction to Information Systems – Fall 2013

Quiz 2 Question & Answer Sheet

QUIZ 2

Duration: 30 minutes.

Rules: - Not open-book. No extra notes or papers are allowed.

- Cellphones must be put away. Calculators are not allowed.

1. Which of the following is it possible to do using an **<A>** tag?

Link to a field in a word-processing document.	[ ] TRUE	[ ] FALSE
Convert text to upper-case.	[ ] TRUE	[ ] FALSE
Apply a stylesheet by linking to it.	[ ] TRUE	[ ] FALSE
Link to another web page.	[ ] TRUE	[ ] FALSE

(tick any that apply)

2. Bob would like to apply a specific style to some elements that are together on his web-page, but they are not grouped within any element. He should enclose them with a _____ tag.

3. If you want a user visiting your web page to be able to send information back to the server, you can include a _____ in your HTML document.

4. Use lines to match the HTML terms with their associated examples. One has been done for you:

Terms	**Examples**
Entity	Hello
Tag	
Element	<A>
Attribute	href="hello.html"
Comment	<P>Hello!</P>
Text	<!--hello-->

5. Indicate the places where it is possible to insert styling information in a web-page.

As an attribute in a tag.	[ ] TRUE	[ ] FALSE
In a separate file.	[ ] TRUE	[ ] FALSE
In the HTTP request.	[ ] TRUE	[ ] FALSE
Inside the head section.	[ ] TRUE	[ ] FALSE

(tick any that apply)

6. Indicate the possible ways that can be used to represent colours in CSS styling directives.

PNG	[ ] TRUE	[ ] FALSE
`yellow`	[ ] TRUE	[ ] FALSE
`#EFAA00`	[ ] TRUE	[ ] FALSE
`<coloryellow></coloryellow>`	[ ] TRUE	[ ] FALSE

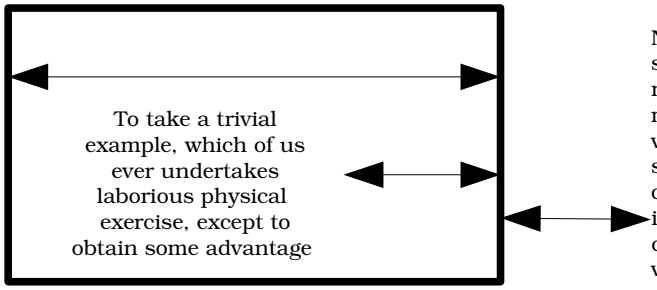
(tick any that apply)

7. Draw the formatted (browser drawn) output due to the HTML below.

```
<html>
<head>
<title>HELLO</title>
    <style type="text/css">
        div{
            float: left;
            width: 20%;
        }
        h1{
            border: 5pt solid;
        }
    </style>
</head>
<body>
    <h1>A nice document</h1>
    <div>
    A nice<br/>nav box
    </div>
    Some further words to illuminate your soul.
</body>
</html>
```

Draw your output here

8. Write "margin", "width" and "padding" above the appropriate arrows in the below diagram representing the CSS box model:



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9. What are the results of the following expressions in Python:

`7 + 3:`_____

`str(7) + str(3):`_____

`int("7") + int("3"):`_____

`7 + str(3):`_____

10. Here is a Python program.

```
import bottle

@bottle.route("/about")
def get_msg():
        a1 = bottle.request.GET.get("yourname")
        a2 = bottle.request.GET.get("anothername")
        myvar = "<html><head><title>Truth</title></head><body><p>"
        myvar = myvar + a1 + " is a nice person and "
        myvar = myvar + a2 + " is not a nice person."
        myvar = myvar + "</p></body>"
        return myvar

bottle.run()
```

Briefly describe the output shown by a browser running on the same computer when sent to the following URLs:

http://localhost:8080/about?yourname=Tolga&a2=Cicero

http://localhost:8080/about?yourname=Turgut&anothername=Damien

http://localhost/get?a1=Plato&a2=Pythagoras