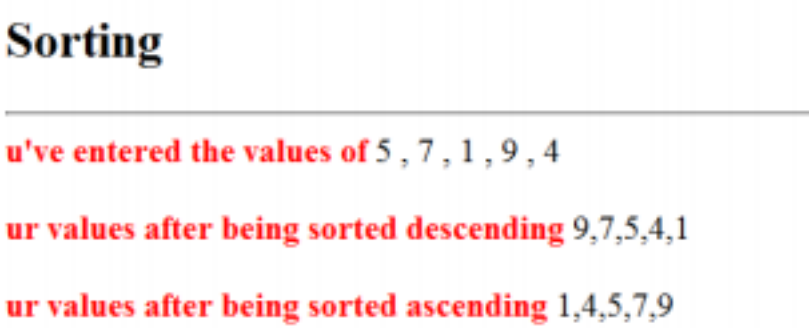
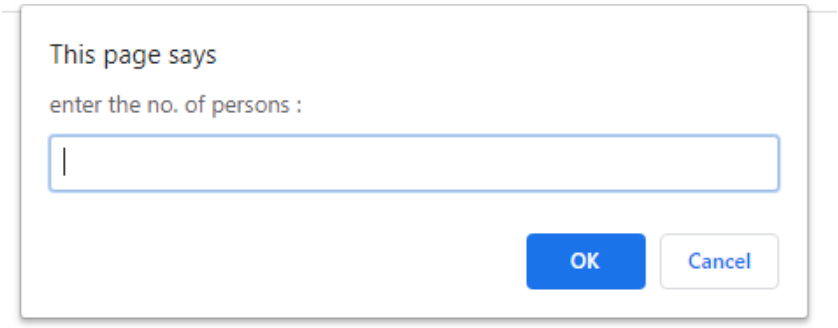
**JavaScript Fundamentals**

Fill an array of 5 elements from the user, sort it in descending and ascending orders then display the output as shown in Fig.




## 1.DOM

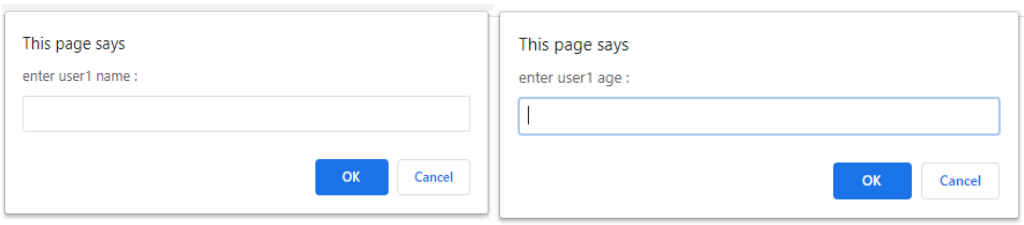
1.1.a Ask the user for number of persons wanted to be entered (the value should be a number)




1.1.b then ask for users' information sequentially.

name length should be more than 3 and less than 10 characters

age: should be greater than 10 and less than 60.




1.1.c print users' information in HTML Table

| Name | Age |
|---|---|
| hamada | 25 |
| ahmed | 36 |
| yasser | 50 |

5. Given a web document as shown below in Fig. a, with only these few lines of code in shown in Fig. b. Using DOM Nodes to access, create, modify or remove any of its elements to have it finally as shown in Fig. c.

**Fig. a**

```
<div id="header">
        <img src ="hi.jpg" alt="hello" />
 </div>
 <div id="navigation">
        <ul id="nav">
                <li><strong>Memo</strong></li>
                <li><a href="Articles.html">Articles</a></li>
                <li><a href="Photos.html">Photos</a></li>
                <li><a href="About.html">About</a></li>
                <li><a href="Clients.html">Clients</a></li>
                <li><a href="Contact.html">Contact</a></li>
        </ul>
 </div>
```

**Fig. b**

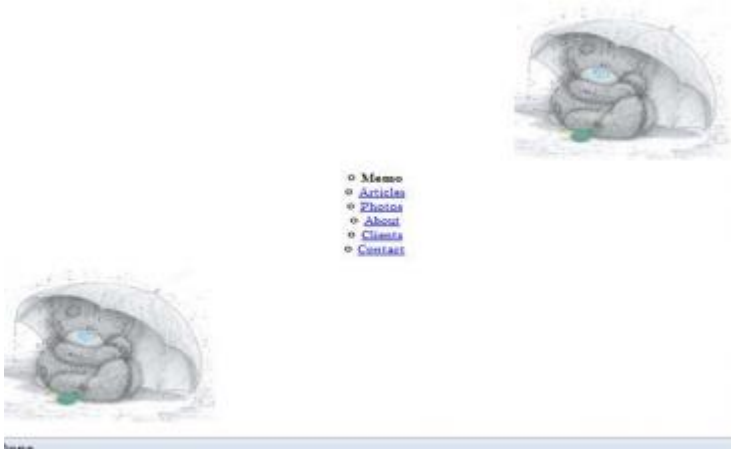



**Fig. c**