Example 19 - UAI 735I (easy)

## Exam – oral part – winter 2019/20

|  |  |
| --- | --- |
| Name of student |  |
| Date |  |

# HTML table

Create a program, which generates a simple html file, which will draw a table with borders. The headlines and the contents are bellow, it is a namedtuple - simply copy and paste it to your program.

See, how to create the HTML table

*The following HTML table will be displayed with borders around the table cells:*

*<table border="1">  
  <tr>  
    <th>Month</th>  
    <th>Savings</th>  
  </tr>  
  <tr>  
    <td>January</td>  
    <td>$100</td>  
  </tr>  
  <tr>  
    <td>February</td>  
    <td>$80</td>  
  </tr>  
</table>*

The output will be the file named hw19\_yourname.html. Open the file like this and close it after writing.

f = open("hw19\_yourname.html", "w", encoding="utf8")

import collections

GoT = collections.namedtuple("noble\_houses","house\_name noble\_name noble\_surname house\_motto")  
houses= []

houses.append(GoT("House Baratheon", "extinct", "extinct", "Ours Is the Fury"))  
houses.append(GoT("House Bolton", "extinct" , "extinct", "Our Blades Are Sharp"))   
houses.append(GoT("House Lannister", "Jaime", "Lannister", "Hear Me Roar!"))  
houses.append(GoT("House Martell", "Ellaria", "Sand", "Unbowed, Unbent, Unbroken"))  
houses.append(GoT("House Stark", "Sansa", "Stark", "Winter Is Coming"))  
houses.append(GoT("House Targaryen", "Daenerys", "Targaryen", "Fire and Blood"))  
houses.append(GoT("House Tully", "Edmure", "Tully", "Family, Duty, Honor"))  
houses.append(GoT("House Greyjoy", "Euron", "Greyjoy", "We Do Not Sow"))  
houses.append(GoT("House Arryn", "Robin", "Arryn", "As High as Honor"))  
houses.append(GoT("House Stokeworth", "Tanda", "Stokeworth", "Proud to Be Faithful"))

This you could take to clipboard in file input19.txt on github.

**Check**: Your html file will be opened in an Internet Explorer and must be displayed as a table.

The program:

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