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## Visualization of Biological Data.

Assignment 2

WS 18/19

Due: 31st October 2018, 8 am

### Technical: First website with JS (5 points)

Create a website to print out Zap Hep sequence of numbers: if a number is divisible by 3, print ZAP , if there is a 3 in the number print HEP, if its both, print ZAP HEP, otherwise print the next number:

1  
2  
ZAP HEP  
4  
5  
ZAP  
7  
8  
ZAP  
10  
11  
ZAP

Program 3 buttons to print ZapHep for three ranges: from 1 to 10, from 10 to 20 and from 20 to 30. After all 3 buttons were clicked the website should contain ZAP/HEP sequence for all 3 ranges.

Split your website into 3 files: .html, .js and add styling in .css. Submit a zipped, properly named directory to Ilias.

### Theoretical: Read and discuss (5 points)

Read the classical paper *On the Theory of Scales of Measurement* by S. S. Stevens (you can find it on Ilias). Write a short (half of the page) discussion about the differences between data types presented during the lecture and proposed in the publication.