

# Essential Skills. Lab 3

Ali Abdulmadzhidov

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## 1 1. Unix regular expression to show all lines that contain URI's in a html file.

1. `wget www.csszengarden.com`  
helps us to retrieve page to file
2. `cat index.html | grep -E ".+href.+" >> 1.txt`  
saves all lines with uri's to 1.txt file

## 2 2. Regexp to filter Dutch telephone land numbers correctly.

```
\+?((\d{3,13})|(\d{2}\s\d{2}\s\d{3}\s\d{4})|  
(\d{2}\s\d{2}\s\d{3}\s\d{2}\s\d{2})|([()\d{3}])\s\d{3}\s\d{2}\s\d{2}))
```

## 3 3. Visa card's validation regexp.

```
(?:4\d{3}|5[1-5]\d{2}|6011|3[47]\d{2})([- ]?)\d{4}\1\d{4}\1\d{4}
```