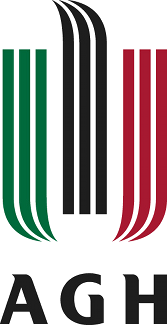
**AGH**

**University of Science and Technology**

**Faculty of Mechanical Engineering and Robotics**



**Laboratory report (Proggraming)**

**5: Developer tools**

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RESTful API – application program interface that uses http requests to get put, post, and

delete data.

2.

i, I - change to insert mode

h, j, k, l - move left, down, up, right

w, b, e, ge - move word at a time

[n][action/movement] - do n times, e.g. 3w

x, X - remove a character

a, A - append

f[char] - move to next given char in line

F[char] - move to previous char in line

; and , - repeat last f or F

/yourtext and then: n, N - Search text

d[movement] - delete by giving movement

r[char] - replaces character below cursor

0, $ - move to start/end of line

o, O - add new line

% - Goto corresponding parentheses

ci[movement] - change inside of given movement

D - delete to end of line

S - clear current line; to insert mode

gg / G - move to start / end of buffer

yy - copy current line

p - Paste copied text after cursor.

Esc - change to normal mode

R – replace more than one character

:s/old/new/g - substitute 'new' for 'old'

U – undo last command

dd – delete a whole line

3.

^[a-zA-Z0-9\_.+-]\* extract beggining of an email with special characters ‘+’ and ‘-‘

@ - extract ‘@’ character

[a-zA-Z0-9\_.+-]\* extract the rest of email with special characters ‘+’ and ‘-‘

^[a-zA-Z0-9\_.+-][\*@[a-zA-Z0-9\_.+-]\*](mailto:*@[a-zA-Z0-9_.+-]*) - extract every email adress

^([\w\.]\*) – extract beggining of an email without special characters

. - extract any character

([\w\.]\*) - extract the rest of email

^([\w\.]\*)@[\w\.]\* - extract the simpliest emails like mine

^([\w\.]\*).([\w\.]\*).([\w\.]\*) – extract more advanced emails with + char or others inside

4.

5.

diff – console program which shows us the difference between two text files.

commit – adds changes to the repository.

branch – creating a new changes in master program and saving them into a new version of it.

merge – fusion of two different version into one.