

4.1 VUnet ID

Due 30 Sep 2019 by 23:59 **Points** 0 **Submitting** an external tool

Write a program that can check whether or not some string is a valid VUnet ID. A valid VUnet ID consists of 3 letters followed by 3 digits. The letters in the VUnet ID can be written as lower case letters as well as upper case letters.

Examples of valid VUnet IDs are 'ABC123', 'def456', and 'Ghi789'. An example of an invalid VUnet ID is 'ab123c'.

Define functions to structure your program. That is what this assignment is all about!

Hints:

- you can get a character from a string by using the member function at:
 - `std::string s; std::cin >> s; std::cout << s.at(0);`
- you can convert an int to a string like this:
 - `std::string s = std::to_string(42);`

Correct executions of the program are shown below :

```
Please enter a vunet id: tKn200
The vunet id tKn200 is valid

Please enter a vunet id: tkn2000
error: size incorrect (is 7, should be 6)

Please enter a vunet id: ab22cc
error: letter expected at position 3

Please enter a vunet id: abcdef
error: digit expected at position 4
```

This tool needs to be loaded in a new browser window

Load 4.1 VUnet ID in a new window

