

BIL110E Introduction to Programming Language (C)

Quiz II (Due: 18.12.2019 15:30)

Q1) Function **strlen** is used for determining char type members of a string except **NULL** character. Instead of **strlen** you should create your own function **my_strlen** and **my_strlen2**. **my_strlen** uses array arithmetic via index operator '[']' and **my_strlen2** uses pointer arithmetic via dereference operator '* '.

```
#include<stdio.h>

int my_strlen(char *ptr_str)
{
    int i = 0;
    while(          ) { //10p
        ; // 5p
    }
    return i;
}

int my_strlen2(char *ptr_strx)
{
    int i = 0;
    while (          ) { // 10p
        ; // 5p
    }
    return i;
}

main( )
{
    char *ptr_str1;
    ptr_str1 = "string length";

    printf("numbers of string = %d\n", my_strlen(ptr_str1));
    printf("numbers of string = %d", my_strlen2(ptr_str1));
    getchar();
    return 0;
}
```

Computer Screen

numbers of string = 13

numbers of string = 13