

Introduction to Computers and Programming

Lab 6 (Week 7)

Due date: 2019/10/29 (Thu.) 23:55

1. Write a program that determines whether it is a correct form of ID number.

Input:

Enter an ID number: A123456789

Output:

It is a correct ID number.

Input:

Enter an ID number: a323456789

Output:

It isn't a correct ID number.

Hint: Use the following function which is used to check whether the form is correct:

```
bool check_id (char* ID);
```

The first character should be in upper case and the second character should be either 1 or 2, the others can be any digitals.

1. Write a program named `sum.c` that adds up its **command-line arguments**, which are assumed to be integers. Running the program by typing

```
sum 8 24 62
```

The first input is the filename and the following inputs are integers.

Output should produce as the following:

```
Total: 94
```

Your input should be string type and your output will be an integer.

Hint: You probably need to convert a string to an integer, and there is a built-in function to help you convert, please Google it!