

## Lab 4.5.4 Text manipulation: anagrams

### Objectives

Familiarize the student with:

- more advanced text analysis, processing and involved algorithms.

### Scenario

Anagrams are words that consist of the same letters in a different order.

For example, "sweat" and "waste" are anagrams, while "cat" and "dog" are not.

Write a program that will read two words and decide if they are anagrams.

Your program should assume lower case for all the words read.

#### Example input

```
cat dog
```

#### Example output

```
not anagrams
```

#### Example input

```
cellar recall
```

#### Example output

```
anagrams
```

#### Example input

```
antler learnt
```

#### Example output

```
anagrams
```