

## QUIZ 1

### COMP9021 PRINCIPLES OF PROGRAMMING

```
$ python3 quiz_1.py
Enter two integers, the second one being between 1 and 10 included: 1 8
Here is the list of symbols:
    ['@', '!', '$', '~', '#', '%', '&', '+']
Here is the list of how many times each of them is to be displayed:
    [7, 4, 2, 8, 1, 7, 7, 1]
What is your favourite symbol? #
How big do you want the gap to be (should be 1 or more)? 4
What is the name of the file containing the instructions? instructions_1.txt
I have a drawing for you...
It is made of #, repeated once,
placed in the four corners of a rectangle,
with a gap of 4 both horizontally and vertically.

#    #

#    #

Like it?
I am now going to process the instructions in the file.

*****
-----
+++++
```

Ok, but not a great drawing...

```
$ python3 quiz_1.py
```

```
Enter two integers, the second one being between 1 and 10 included: 2 6
```

```
Here is the list of symbols:
```

```
['~', '!', '*', '@', '&', '^']
```

```
Here is the list of how many times each of them is to be displayed:
```

```
[5, 4, 1, 3, 7, 7]
```

```
What is your favourite symbol? ^
```

```
How big do you want the gap to be (should be 1 or more)? 1
```

```
What is the name of the file containing the instructions? instructions_2.txt
```

```
I have a drawing for you...
```

```
It is made of ^, repeated 7 times,
```

```
placed in the four corners of a rectangle,
```

```
with a gap of 1 both horizontally and vertically.
```

```
~~~~~ ~~~~~~
```

```
~~~~~ ~~~~~~
```

```
Like it?
```

```
I am now going to process the instructions in the file.
```

```
~~~
```

```
%%%%%
```

```
+++++++
```

```
++++
```

```
==
```

```
Ok, but not a great drawing...
```

```
$ python3 quiz_1.py
```

Enter two integers, the second one being between 1 and 10 included: 6 10

Here is the list of symbols:

```
['+', '!', '&', '^', '@', '~', '$', '#', '*', '%']
```

Here is the list of how many times each of them is to be displayed:

```
[6, 1, 5, 8, 4, 7, 9, 9, 2, 4]
```

What is your favourite symbol? \$

How big do you want the gap to be (should be 1 or more)? 5

What is the name of the file containing the instructions? some\_instructions.txt

I have a drawing for you...

It is made of \$, repeated 9 times,  
placed in the four corners of a rectangle,  
with a gap of 5 both horizontally and vertically.

```
$$$$$$$$$      $$$$$$$$$$
```

```
$$$$$$$$$      $$$$$$$$$$
```

Like it?

I am now going to process the instructions in the file.

```
*****
(((((((
&&&&&&&
)))))))))
+
*****
###
$$$
%%%
```

Ok, but not a great drawing...