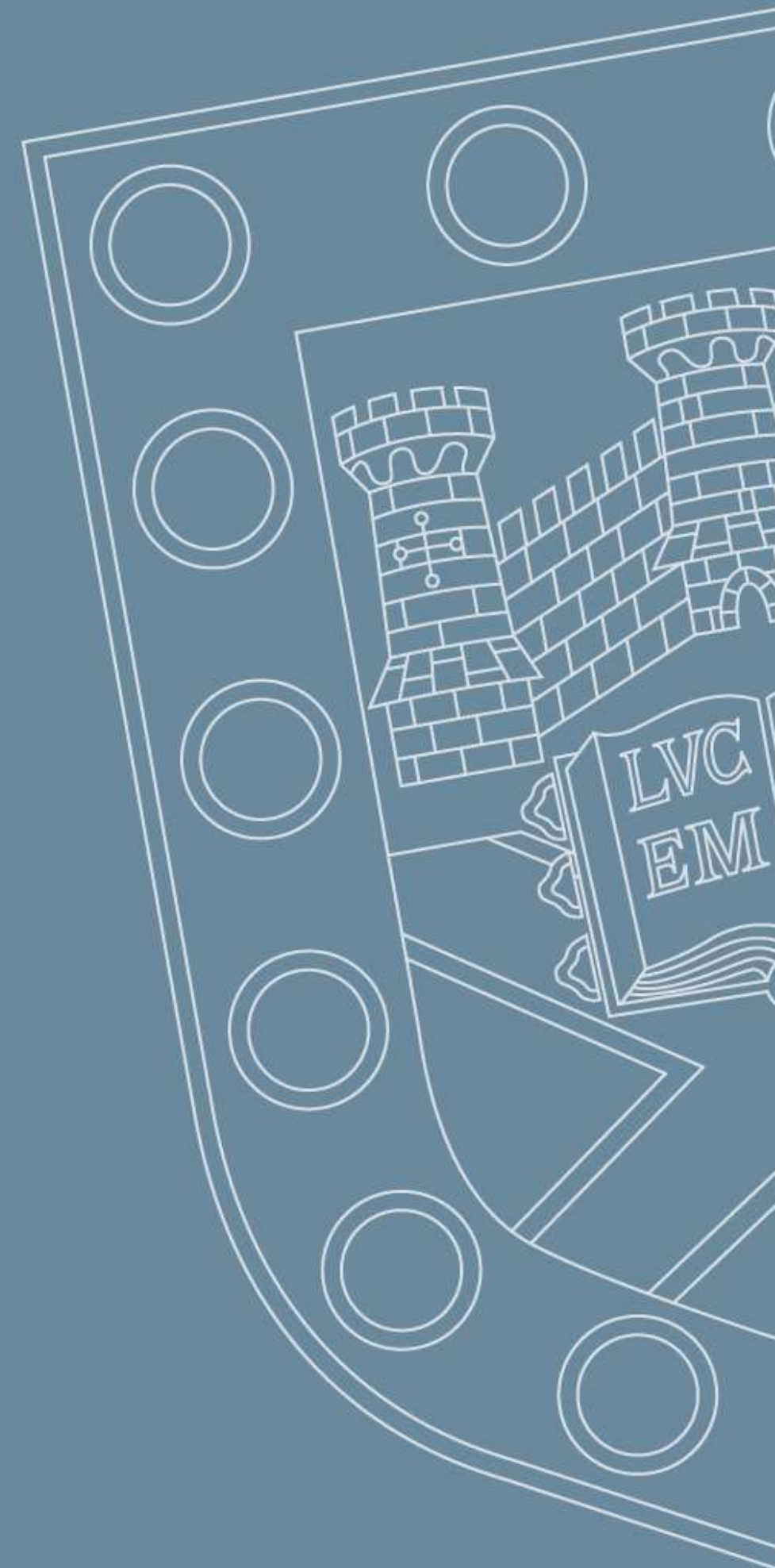




Python programming

Hello world!



THE “HELLO, WORLD!” PROGRAM

Your first program

It is a tradition in programming language reference manuals to introduce the language with an example that displays the text -

“Hello, world!”

So let's have a go....

THE “HELLO, WORLD!” PROGRAM

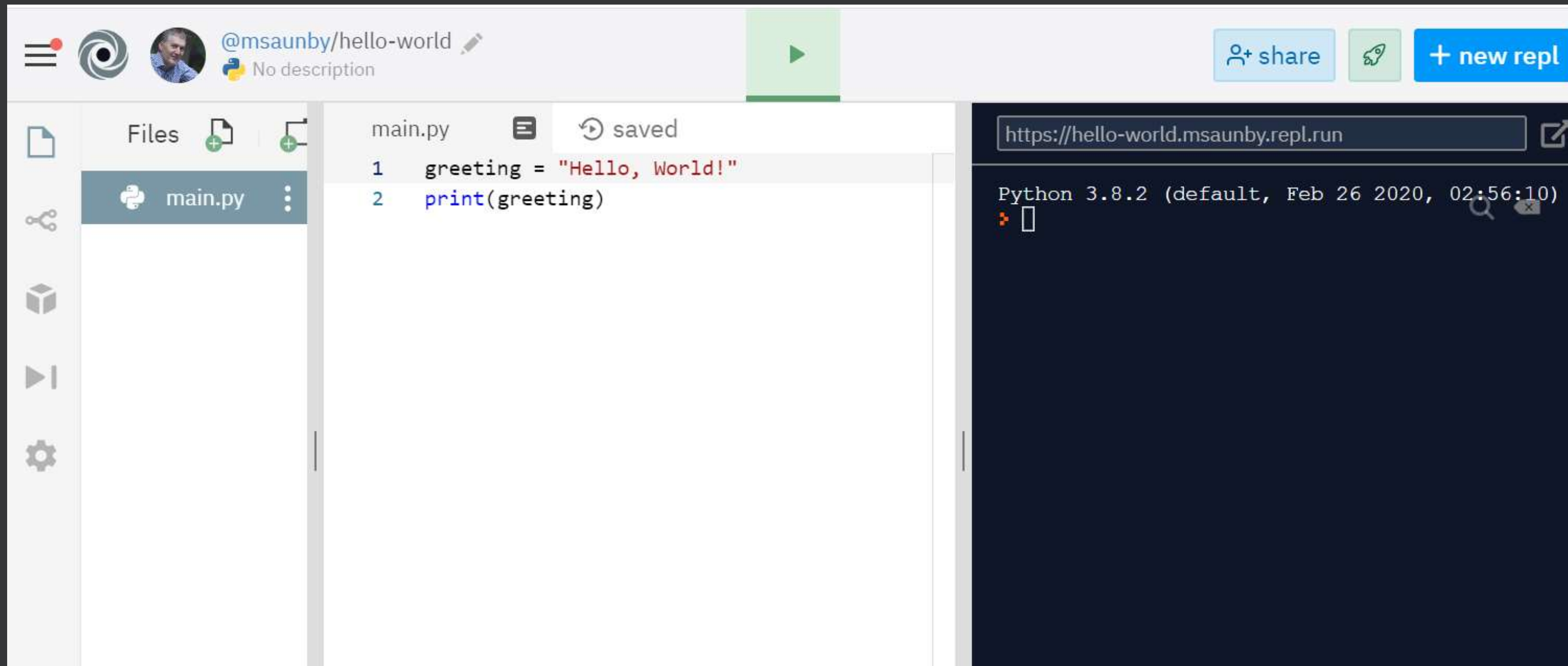
Open a web browser

Visit

<https://repl.it/@msaunby/hello-world>

THE “HELLO, WORLD!” PROGRAM

The Repl.it website provides a Python programming “environment”



THE “HELLO, WORLD!” PROGRAM

```
greeting = "Hello, world!"  
print(greeting)
```

THE “HELLO, WORLD!” PROGRAM

Line by line

```
greeting = "Hello, world!"
```

The word `greeting` is a *variable*

The `=` symbol represents *assignment*

The text `"Hello, world!"` is a *string literal*

THE “HELLO, WORLD!” PROGRAM

Line by line

```
print(greeting)
```

The style `some_name()` represents a named function, in this case the `print` function

The `print` function *prints* its *arguments*, or *parameters*

THE “HELLO, WORLD!” PROGRAM

Line by line

```
Hello, world!
```

This is the result of running the program text. Note that the text is not *quoted*. The quotation marks around the *string literal* are what let Python know it's a *string*.

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