



FALMOUTH  
UNIVERSITY

# COMP110: Principles of Computing

## 2: Basic Principles for Computation

# Learning outcomes

- ▶ Explain the role and basic functions of the IDE
- ▶ Produce some basic Python programs
- ▶ Apply computational thinking to puzzle solving

# The PyCharm IDE



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- Other Python IDEs are available

# Basic Python programs



# Your first Python program

```
print "Hello, world!"
```

# Your second Python program

```
print "This is a very long line of code which had to  
    be split to fit on the slide, but you should type  
    it as a single line."
```

# Assigning to variables

```
a = 7  
print a
```