school of computer science.

to execute any code within a class Java will firstly look for the main method which is the first method to execute and this is where the hello world statement would be printed.

coursework assessment proforma.

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date set: 18 october 2016.

submission date: 25 november 2016 11:59pm.

submission arrangements: online, via learning central.

title: hello world coursework.

this coursework is worth 30% of the total marks available for this module.
the penalty for late or non-submission is an award of zero marks.
you are reminded of the need to comply with cardiff university's student guide to academic integrity.
your work should be submitted using the official coursework submission cover sheet.

in this section, our plan is to lead you into the world of Java programming by taking you through the three basic steps required to get a simple program running.
as with any application, you need to be sure that Java is properly installed on your computer. You also need an editor and a terminal application. Here are system specific instructions for three popular home operating systems [Mac OS X · Windows · Linux].
we break the process of programming in Java into three steps:
1: *Create* the program by typing it into a text editor and saving it to a file named, say, MyProgram.java
2: *Compile* it by typing "javac MyProgram.java" in the terminal window
3: *Execute* (or *run*) it by typing "java MyProgram" in the terminal window.
firstly, once the java file has been saved we would create a class with the same name as the java file, in this case MyProgram. In this example everything is contained within this class, but you are able create multiple classes which are preferably stored in individual java files.
the main method is the first to execute, and it can be initiated with the following statement:

```
public static void main(String[] args) {

}.
```

this only requires a single line of code; printing to the system, and containing our output between double quotations.

```
system.out.println("Hello, world");.
```