

Submitting your 4CCS1PPA coursework

A brief guide to the Nexus submission system

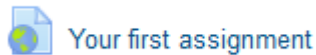
As part of your participation in 4CCS1PPA, you will be asked to complete a number of programming coursework pieces. Many of these you will be working on during your lab sessions, some of them will be more extensive and require you to collaborate as a team over a longer period of time.

To submit your solutions to these pieces of coursework and to help us manage and mark your submissions, you will be using a new on-line system called Nexus. This document briefly outlines the steps you need to take to do so.

Logging onto Nexus

The first time you make a submission to Nexus, you will need to log into the system and give Nexus access to your information. This requires a few additional steps, which you will only need to take once. These steps are outlined below.


To submit a solution to a piece of coursework, simply click on the appropriate link on the 4CCS1PPA KEATS page:



This will take you to the main Nexus logon page

Nexus Login

You need to sign in or sign up before continuing. ✕

 Login via GitHub

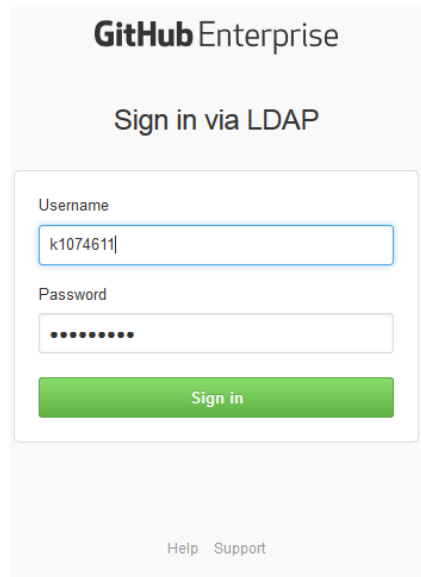
Admin Login

Email

Password

Options ☐ Remember Me

You do not have an admin login, so please choose the option to “Login via GitHub”, which will take you to a GitHub Enterprise login screen:



GitHub Enterprise

Sign in via LDAP

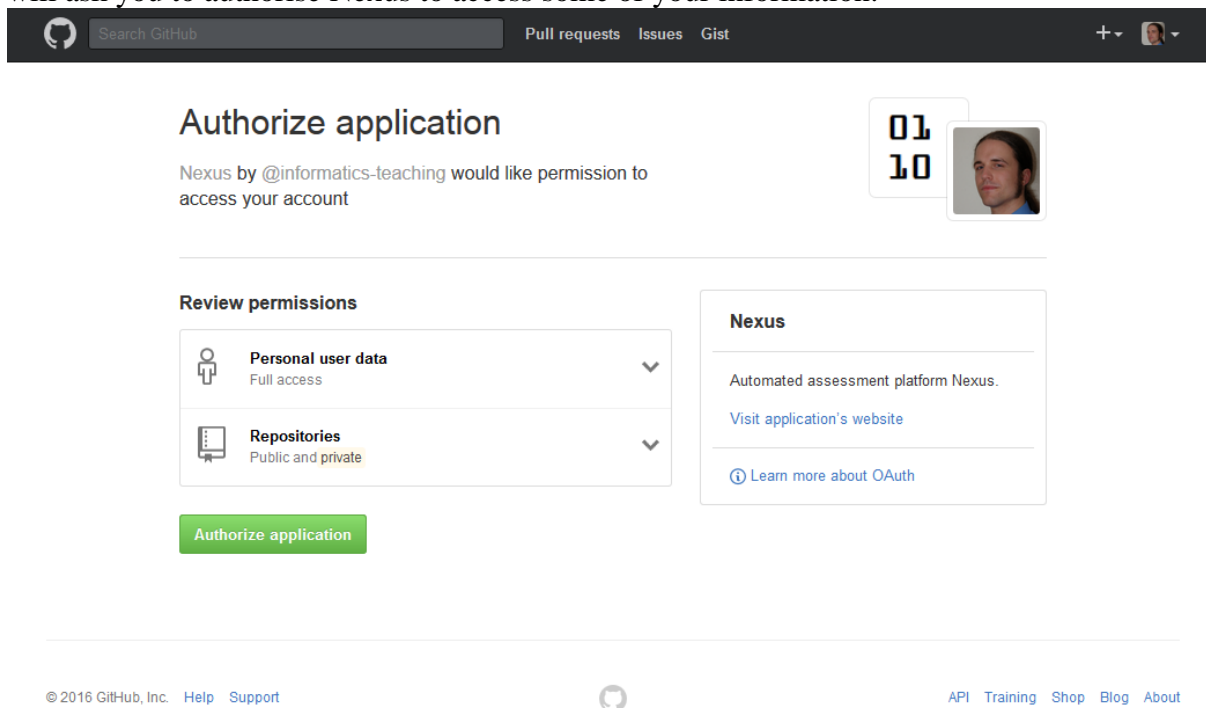
Username
k1074611|

Password
••••••••

Sign in

Help · Support

Enter your normal King's login here and click on "Sign in". In the next step, GitHub Enterprise will ask you to authorise Nexus to access some of your information:



Authorize application

Nexus by @informatics-teaching would like permission to access your account

Review permissions

- Personal user data**
Full access
- Repositories**
Public and private

Nexus

Automated assessment platform Nexus.

[Visit application's website](#)

[Learn more about OAuth](#)

Authorize application

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Click on "Authorize application". Initially, Nexus will only access your personal information so that we will be able to associate a submission with you. Later during the year, we may also need to access some of your Git repositories on the King's GitHub Enterprise server. Note Nexus will never do so without explicitly asking you for access to a specific repository. If you do not know what a Git repository is, don't worry: we will discuss them in much more detail later in 4CCS1PPA.

For now, you will need to provide this authorisation or Nexus will not be able to accept your coursework submissions.

Once you have authorized Nexus, you will be forwarded to the page for the assignment to which you are trying to make a submission.

Making a submission

Below is the assignment page, which you will use to make submissions.

Nexus Courses ▾ Assignments Submissions Zschaler, Steffen (k1074611) ▾

4CCSIPPA

Your first assignment

Assignment ID: 1

ZIP Submissions ✓

Git Submissions ✗

IDE Submissions ✓

Fully marked ✗

Started: Monday, 26 Sep 2016 11:07 (UTC)

Deadline: Monday, 03 Oct 2016 11:07 (UTC) 7 days

Late submissions are allowed until Tuesday, 04 Oct 2016 11:07 (UTC), but will be capped at 40%

This is your first assignment. It mainly checks you know how to upload submissions through Nexus.

Marking Scheme

Rubric	Context
Java Compilation	

Your submissions

You have not made any submissions yet.

[Upload New Submission](#)

To begin with, Nexus will not actually do any of the marking.¹ However, it will already attempt to provide you with feedback to your code. You can see in the table labelled “Marking Scheme” that Nexus will attempt to compile your code and provide feedback to you about the results of that compilation as well as giving you some additional guidance about the style in which you have written your code. This way, you can check whether your code will compile when we come to marking it.

Above that table, you can find information about the deadline for submitting your work as well as about how late submissions will be handled. There may also be some more detail about the assignment here.

Click on “Upload New Submission” to make a submission. This will move you onto the submission page:

Nexus Courses ▾ Assignments Submissions Zschaler, Steffen (k1074611) ▾

Upload Submission for Your first assignment

By submitting code through any of the submission methods below, you are making a submission to the college, and declare that this submission is your own work. Submissions are subject to plagiarism checks and any suspected cases of plagiarism and collusion will be dealt with according to the university's misconduct procedure. Upheld charges can result in a range of penalties from an award of zero marks for the work, to expulsion from the college.

Select a submission method:

[ZIP](#) [Web IDE](#)

Please upload only ZIP archives. Any other type of file will result in a 422 error.

File No file selected.

¹ Because we are rolling it out slowly

Carefully read the guidance notes before making a submission.

By default, you will be able to upload a ZIP file containing all the source files of your submission. You may also be able to use the “Web IDE”, which allows you to enter your solution directly into the web browser:

Nexus Courses ▾ Assignments Submissions Zschaler, Steffen (k1074611) ▾

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Select a submission method:

ZIP Web IDE

Filename: File1.java Remove

```
1 // Your code goes here
```

+ Add File Submit

Let's do this now. We enter some source code (changing the file name as required) and then click on “Submit”:

ZIP Web IDE

Filename: HelloWorld.java Remove

```
1 public class HelloWorld {
2     public static void main (String[] args) {
3         System.out.println ("Hello World!");
4     }
5 }
```

+ Add File Submit

After a little while, Nexus will show a page summarising your submission attempt. If this shows any messages about problems with your submission being processed, please contact us as soon as possible so that we can check if there are any problems in Nexus. Most of the time, we should be able to rescue your submitted files so that there will be no negative consequences for your ability to submit.

Normally, however, you should simply see a page summarising your submission as below:

The screenshot shows the Nexus interface with a top navigation bar containing 'Nexus', 'Courses', 'Assignments' (with a blue square icon), and 'Submissions'. On the right, it says 'Zschaler, Steffen (k1074611)'. Below the navigation bar, there is a section titled 'Your first assignment' with a hamburger menu icon. The main heading is 'Attempt #1'. Below this, it says 'Submitted less than a minute ago'. The 'Remote URL' is 'https://github.kcl.ac.uk/informatics-teaching/assignment-1.git', the 'Branch' is 'submissions-u5-lszschaler', and the 'Commit SHA' is '870196b2fec46a42eb2cde53eaa5f45bf0c5b2f7'.

Feedback

You can see that this is your first attempt at this assignment. This page is proof that Nexus has successfully received your submission and is now checking it. Initially, no text is shown below the Feedback heading. This is because Nexus doesn't immediately complete the feedback for every submission. Instead, this may take a few minutes to complete. If you reload the page, you should be able to see your feedback:

This screenshot shows the same Nexus interface as the previous one, but now the 'Feedback' section is expanded. It has a light blue header 'Java Compilation'. Below this, it says 'Java source files found:' followed by a text box containing './HelloWorld.java'. Underneath, it says 'Compiler Output:' followed by a text box containing 'Java sources compiled successfully.'.

Carefully study the feedback given and, where necessary, amend your submission and resubmit. In this case, all has worked well and our code has compiled without problems.

General points

Nexus keeps track of all of your submissions for a given assignment. If you want to check the feedback on any submission at any time, simply return to the assignment page and click on the link for the appropriate submission.

[Nexus](#)
[Courses](#)
[Assignments](#)
[Submissions](#)

Zschaler, Steffen (k1074611)

4CCSIPPA

Your first assignment

Assignment ID: 1
 ZIP Submissions
 Git Submissions
 IDE Submissions
 Fully marked

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Marking Scheme

Rubric	Context
Java Compilation	

Your submissions

Submitted	Attempt
1 minute ago	#1

Upload New Submission

You can also use the links on the top of the page to view all of your submissions to all assignments or view all the assignments available to you for submission.

If you click on your name, a small menu pops out, allowing you to log out of Nexus:

