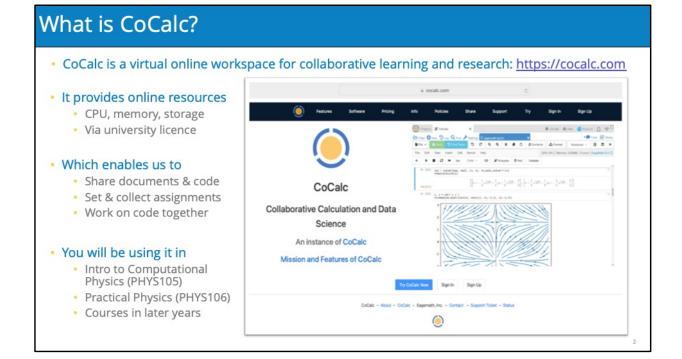
## Introduction to CoCalc

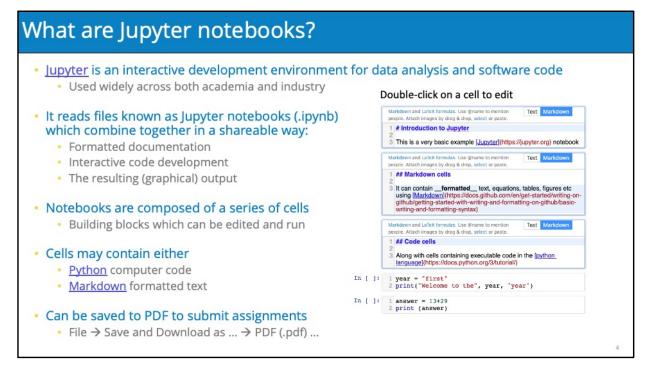
And Jupyter notebooks

Carl Gwilliam (C.Gwilliam@liverpool.ac.uk)

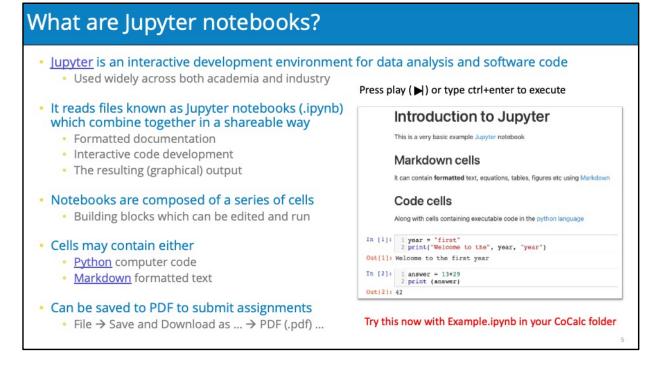


\* So what is CoCalc ...?

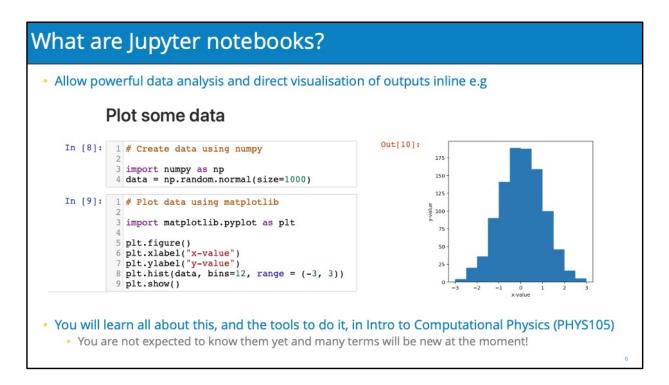
Signing up and logging in		
<ul> <li>The first thing you need to do is to sign up to the CoCa</li> <li>In a way that allows you to use the university license</li> </ul>	lc platform and log in	
<ul> <li>You should have received an invite email for PHYS105</li> <li>Click on link or go directly to the CoCalc webpage</li> <li>Sign up with your university email address</li> <li>Important to use exactly the address it was sent to as CoCalc doesn't know about uni email aliases</li> </ul>	COCCALC Collaborative Calculation in the Cloud Social-com	
<ul> <li>If you have not done this, please do so now</li> <li>Let me know if you have not received an invite</li> <li>Or if you have issues signing in with it</li> </ul>	Hellol         Me will use CoCalc for the course PhysIOS Introduction to Computational Physics/PHYSIOS.         Hease sign up!         Carl Gwilliam         To accept the Invitation:	
<ul> <li>Once you have signed in please navigate to</li> <li>Name - PHYS105 Introduction to Computational Physics/ PHYS105_2022</li> </ul>	Open CoCalc     Sign up/in using exactly your email address <u>carlcocalcognall.com</u> Open the project 'Phys105 Introduction to Computational Physics/PHYS105'.     If you're already signed in via another email address, you have to sign out and sign up/in using the mentioned email address.)	
<ul> <li>PHYS105 Introduction to Computational Physics</li> <li>ComputerClassesStudent</li> <li>Welcome</li> </ul>	3	



- Within coclac we will be using jupyter notebooks
- · Cells shown here
- · Double click to edit for both markdown and python code
- Change page before saving



- After editing they are run by pressing play button or ...
- Try this now with the Example.ipynb
  - If you have trouble opening this please let me know ...
- Saving ...



• These components will allows us to perform ...

CoCalc  CoCalc  Cocalc  Cocalc  Cocalc  Collaborative online coding platform (i.e. website)  Allows lectures and students to work together  All files are stored, saved and synchronised here	Summary		
		<ul> <li>Allows lectures and students to work together</li> <li>All files are stored, saved and synchronised here</li> </ul>	

\* Since there are lots of tools, I want to finish by outlining how these fit together ...

