



RIDGEWOOD
SCHOOL

OCR COMPUTER SCIENCE

Pre-Induction Tasks 2025



Computer Science Pre-Induction Task

In Year 12 you will continue to use the Python programming language but also develop skills in C#.

C# is a widely used programming language especially in game development but also for web apps and desktop apps. It is also a useful language to learn as it has similar syntax to other languages like Java and JavaScript.

Before starting the course in September, it would be useful to have some familiarity with C#. You do not need to be proficient as you will learn more skills throughout the year.

Task 1

Please sign up to <https://www.codecademy.com/learn?page=home>

Complete the tutorials below:

 **Learn C#: Hello World** 

Learn C#: Data Types and Variables
1 Lesson, 1 Project, 1 Quiz 

Learn C#: Numbers and Operators
1 Lesson, 1 Project, 1 Quiz 

Learn C#: Strings
1 Lesson, 1 Project, 1 Quiz 

Learn C#: Logic
1 Lesson, 1 Project, 1 Quiz 

Learn C#: Conditionals
1 Lesson, 2 Projects, 1 Quiz 

Learn C#: Arrays
1 Lesson, 1 Project, 1 Quiz 

Be ready to show your progress in September.

Task 2

Try and recreate small programs learnt a GCSE level in C#. For example adding two digits together and using selection.

This will help you to further develop the basic syntax. You can use <https://www.programiz.com/csharp-programming/online-compiler/> for this.