



Certificate of Achievement

SOURAV GUHA

has completed the following course:

AN INTRODUCTION TO PROGRAMMING USING PYTHON
UNIVERSITY OF LEEDS AND CLICK START

Learners explored the basic principles of programming and theories of computers. Learners also considered algorithms, the basics of propositional logic and Python syntax such as variables, data types and input/output. Finally learners wrote a simple Python program.

2 weeks, 3 hours per week



Sam Wilson
School of Computing, University of Leeds
University of Leeds



CLICK START.

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.



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AN INTRODUCTION TO PROGRAMMING USING PYTHON **UNIVERSITY OF LEEDS AND CLICK START**



90%
OVERALL
SCORE

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STUDY REQUIREMENT

2 weeks, 3 hours per week

LEARNING OUTCOMES

- Describe what computer programming is
- Describe what an algorithm is
- Describe what variables are
- Describe what logic operators are and explain the AND, OR and NOT operators
- Reflect on the use of different primitive data types in Python
- Create and run a simple "hello world" Python program
- Create a simple program in Python that can accept input from a user and display output to a user.

SYLLABUS

In this course, you'll embark on an exciting journey into the world of Python and gain valuable skills that will enable you to start thinking about a career in programming.

- What is programming?
- What is an algorithm?
- What is a pseudocode?
- Python syntax