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Statement of participation

Guest user

has completed the free course including any mandatory tests for:

Introduction to computational thinking

This 12-hour free course taught algorithms and abstraction and described some applications of computational thinking.

Issue date: 14 March 2022



www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:
https://www.open.edu/openlearn/science-maths-technology/introduction-computational-thinking/content-section-0

COURSE CODE: **M269_1**

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Introduction to computational thinking

https://www.open.edu/openlearn/science-maths-technology/introduction-computational-thinking/content-section-0

Course summary

You will learn about algorithms and abstraction in this free course, Introduction to computational thinking, and encounter some applications of computational thinking in various disciplines, ranging from biology and physics to economics and sport science.

Learning outcomes

By completing this course, the learner should be able to:

- describe the skills that are involved in computational thinking
- define and use the concepts of abstraction as modelling and abstraction as encapsulation
- understand the distinctive nature of computational thinking, when compared with engineering and mathematical thinking
- be aware of a range of applications of computational thinking in different disciplines.

Completed study

The learner has completed the following:

Section 1

Computational thinking and automation

Section 2

Computational thinking and abstraction

Section 3

Computational thinking everywhere