



LEARNING CURVE  
GROUP

```
package com.ds.ucd.be.becore.solr;
import ...
public final class LocationUtils {
    // Parse Point from its string representation. Accepts 2 double values split with coma. Accepts space after/before coma.
    // Ensure that the location string contains at least 2 double values split with coma.
    // Validate the location string.
    public static Point parseLocation(String locationString) {
        Preconditions.checkNotNull(locationString, "Location String should not be null");
        Preconditions.checkArgument(locationString.contains(","), "Location must be split with coma");
        locationString = locationString.trim();
        if (locationString.contains(" ")) {
            locationString = locationString.replaceAll(" ", "");
        }
        if (locationString.contains(", ")) {
            locationString = locationString.replaceAll(", ", ",");
        }
        String[] location = locationString.split(" ");
        Preconditions.checkArgument(location.length >= 2, "Location should consist at least 2 Double parameters");
        double lat = Double.parseDouble(location[0]);
        double lon = Double.parseDouble(location[1]);
        return new Point(lat, lon);
    }
}
```



```
...
}
}
```



# CACHE LEVEL 2

# UNDERSTANDING

# CODING





# The Course

Coding is what makes it possible for anyone to create computer software, apps and websites. Your browser, your OS, the apps on your phone, Facebook, and websites are all made with code. This qualification is designed for anyone who is looking to gain an introduction to coding. It will help support you to progress into further study. Within this qualification you will be able to learn through various units as the world is evolving digitally, it is important now more than ever to enhance your knowledge through digital online learning.



Lived in the EU  
for **3 years**



**Aged 19+** at the  
beginning of the  
academic year



You could study  
this course  
for **FREE!**



**Online**  
paper-based  
delivery

## Content

- Achieve a nationally recognised Level 2 qualification
- Further your personal and professional development
- Learn at a time that suits you without the need to attend college

## What you will learn

- Understand the principles of coding
- Understand terminology used in coding
- Understand coding design principles
- Understand the processes and practise of coding
- Understand the importance of communication and project management in coding

## How to Sign Up

Learners may be eligible for funding which means the course won't cost a thing to complete (subject to eligibility). There is a £125 cancellation fee if a learner enrolls and fails to complete or withdraws early from the course. This fee is to cover administration costs. We may be able to offer extensions if learners are unable to meet the set submission deadline. Please read the declaration on the enrolment form carefully before signing up.

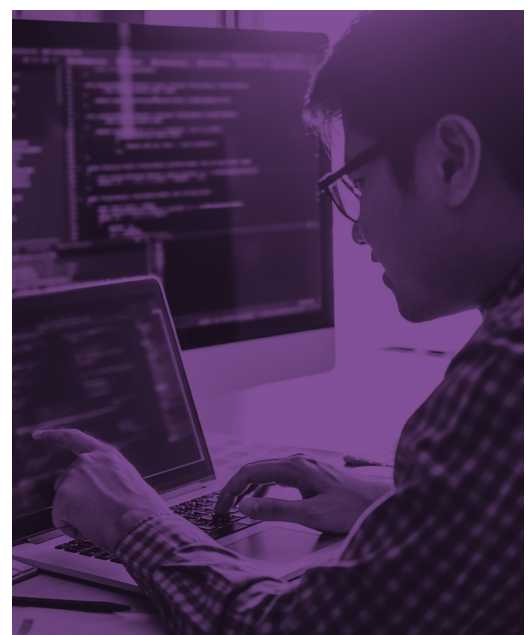
## What happens after enrolment?

1. Submit your enrolment form and get instant access to begin your course
2. We'll process your funding application, and a tutor will be assigned to support you through your course
3. Receive text reminders when your work is due
4. Your work will be marked and returned to you within 7 days
5. Once you've submitted your work, we'll apply for your certificate

## How learners use this course

If you chose to complete this Level 2 course in Understanding Coding, you can gain knowledge and skills in web design and development. This qualification can lead to careers as a;

- **Web Developer**  
(£42,000 to £62,000)
- **Programmer**  
(£52,000)





### It was a great course...

It was a great course and I felt the information was easy to understand, well displayed and my tutor/assessor was full of information and encouraging feedback.

**Date of experience:** June 2022



### A great opportunity to complete a free course...

A great opportunity to complete a free course during my maternity leave. Very supportive tutor and telephone operators.

**Date of experience:** June 2022



### The tutor was always quick to respond...

The tutor was always quick to respond to any questions I had always helpful. I never felt under pressure and it was great to study at a steady pace. I enjoyed this so much that I am ready to enrol on another course!!

**Date of experience:** June 2022



### Amazing online course...

Fantastic support throughout the course. Learnt so much and well worth doing. Will make my job a lot easier and understand as much as I can what people with Dementia go through on a daily basis.

**Date of experience:** June 2022

