



Welcome to BTEC Level 3 Extended Diploma in Computing @ Burnley College

Burnley College has an outstanding reputation for getting students ready for entering a modern workplace. The computing course is flexible enough to train young people in a variety of specialisms to open many doors for progression. Students will gain the knowledge and skills through practice and repetition, enabling them opportunities to enter the largest global job market; **Technology**. The main topics covered on the course are;

- Cyber Security
- Cloud Computing
- Software Development
- Web Development
- Networking
- Programming (C# , Java, Python)
- Project Management

Each topic will have a significant focus on practical activities and you will be assessed through your own creations; whether it be creating a computer program for a local business, a website for a club or securing a system against cyber threats.

To help you prepare for the course there are a few tasks below to give you a head start ready for September. These activities are important to start familiarizing yourself with coding languages and training your brain to think differently 😊

<u>Games Development</u>	<u>Website Development</u>	<u>Python Programming</u>
<u>Task</u>	<u>Task</u>	<u>Task</u>

Snapshot of current student work

Click the following link to see a sample of student work. You can test their programs which have been made based on different scenarios and requirements - [Link](#)

Website Development

A full website through code.



Welcome to LB IT Services.

'the Leading IT Solutions Provider across East Lancashire.



```

<!-- Main Information -->
<!DOCTYPE html> <!-- Sets the Document Type as HTML, so that software can interpret the syntax used -->
<html lang="en">
<head>
  <meta charset="utf-8" <!-- Sets the Browser to UTF-8 Character Encoding -->
  <meta name="viewport" content="width=device-width, initial-scale=1" <!-- Sets viewport, so the website is responsive and mobile friendly -->
  <meta name="keywords" content="Computing" <!-- Sets the keywords which the Search Engine will include -->
  <meta name="description" content="LB IT Services are a Managed IT Provider, providing bespoke solutions to the local and surrounding area. Get in touch today!" <!-- Sets the meta description for search engine -->
  <meta name="author" content="Lancashire Enterprise" <!-- Sets the author name for search engine -->
  <link rel="stylesheet" href="css/bootstrap.min.css" <!-- Imports Bootstrap Default CSS File -->
  <link rel="stylesheet" type="text/css" href="custom.css" <!-- Custom CSS File for overriding Bootstrap -->
  <link rel="stylesheet" href="lib/fontawesome-free-5.15.4-web/css/all.css" <!-- Imports Fontawesome Icons Library -->
  <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Roboto:300,400,500,700&display=swap" <!-- Imports Roboto UI Font -->
  <link rel="stylesheet" href="css/mdbootstrap.min.css" <!-- Imports Material Design Bootstrap UI Kit -->
  <link rel="shortcut icon" type="image/png" href="assets/favicon.png" <!-- Favicon -->
  <title>Welcome | LB IT Services</title> <!-- Page Title -->
</head>

<!-- Alerts Bar for Global Announcements -->
<div class="alert alert-primary alert-dismissible fade show" role="alert">
  <strong><span></span> Service Update</strong> We are currently experiencing a high volume of tickets. We will get back to you as soon as possible.
  <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>

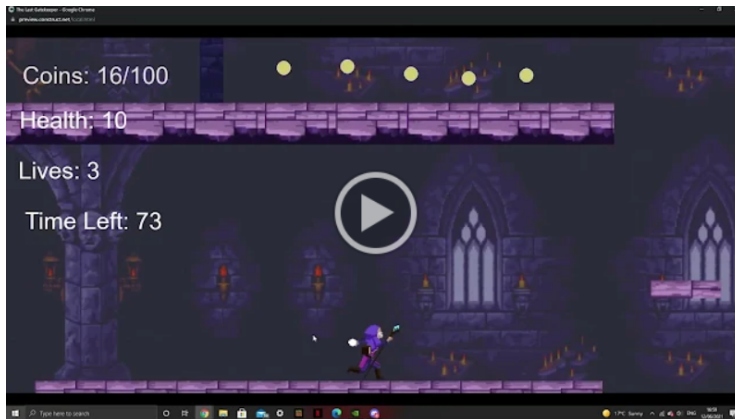
<!-- Navigation Bar Functionality -->
<nav class="navbar sticky-top navbar-expand-lg navbar-light bg-light">
  <div class="container">

    <!-- Navigation Bar Branding -->
    <a class="navbar-brand me-2" href="index.html">
      
    </a>

    <!-- Navigation Bar Collapse Functionality -->
    <button
      class="navbar-toggler"
      type="button"
      data-bs-toggle="collapse"
      data-bs-target="#navbarButtonsExample"
      aria-controls="navbarButtonsExample"
      aria-expanded="false"
      aria-label="Toggle navigation"
    >
  
```

Games Development

Click the game for a demonstration



Contact information:

For further information about the course please contact b.scott@burnley.ac.uk or call 01282733373

We look forward to welcoming you to Burnley College in September 😊