

Assessment Feedback Sheet

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| **Overall Assessment Grade Achieved** |  |

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| **Learner Name** |  |
| **Assessor Name** | C. Livesey |
| **Qualification Title** | Pearson BTEC Level 3 Computing |
| **Unit/Module No./Title** | Induction Task Year 2 |
| **Assignment No./Title** | **Initial Assessment Year 2** |
| **Learning Aim(s)** | Initial Assessment for L3 BTEC Computing |

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| First/Second Submission | | |
| Criteria | Criteria Attempted | Assessor’s Feedback *Your feedback should include:*   * *What the learner has done well. (Knowledge, skills, etc.)* * *What the learner has not achieved and what was missing.* * *Information or guidance available to the learner they could have drawn on (e.g. class notes; handouts; resources in assignment brief etc.)* |
| Written Communication |  |  |
| Programming Mini Project in C# |  |  |
| **BTEC Rules**  All resubmissions must be authorised by the **Lead Internal Verifier**. Only **one** resubmission is possible per assignment, providing:   * The learner has met initial deadlines set in the assignment, or has met an agreed deadline extension. * The tutor considers that the learner will be able to provide improved evidence without further guidance. * Evidence submitted for assessment has been authenticated and accompanied by a signed and dated declaration of authenticity by the learner.   Any resubmission evidence **must** be submitted within 10 working days of receipt of results of assessment (BTEC only) | | |
| **Wider Skills (Linked to Positive Futures)** *Comment on the quality of the learner work, the learner’s process and practice during assessment, research skills, presentation, general behaviour and conduct, meeting deadlines, etc.* | | |
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| Assessor Declaration | *I certify that, to the best of my knowledge, the evidence submitted for this assignment/assessment is the learner’s own. I understand that false declaration is a form of malpractice.* | | |
| Assessor Signature: | C.Livesey | Date: |  |
| Learner Declaration | *I certify that the evidence submitted for this assignment/assessment is my own. I have clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice.* | | |
| Learner Signature: | Authorised by use of TurnItIn | Date: | 07 September 2020 |

**Learner Actions and Reflections**

* Feedback will be provided on Turn it in you will need to access this before writing a reflection and setting SMART Actions
* The Reflection builder excel document should be used to help you to write meaningful reflections and set meaningful SMART Actions/Targets
* Reflections and SMART Actions should be completed on ProPortal using the ILP option

Initial Assessment: Computing

The purpose of this assessment is to assess your ability to communicate, research and problem solve. These are skills that are important for the successful completion of the course.

# Written Communication

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| **This task is assessing your ability to identify, describe, explain and give examples in your written work**  **Identify** - State a threat/possible incident  e.g. Power loss  **Describe** - describe what the type of threat  e.g. Loss of power to the device could lead to data and information being lost  **Explain** - explain how the threat could occur using an example  e.g. An employee could accidentally unplug the device, meaning that devices would lose power. This could lead to data and information being lost if it was not saved.  NOTE the examples above are not related to any specific example |
| **In the space below this table, write either a Personal Statement for your UCAS application or a Cover Letter for a job application**  This will be your opportunity to receive feedback on your personal statement if you are applying to university:  Helpful resources:   * UCAS information - <https://www.ucas.com/undergraduate/applying-university/how-write-ucas-undergraduate-personal-statement> * Personal Statement Writing Tool - <https://www.ucasdigital.com/widgets/personalstatement/index.html#/splash> * Writing a cover letter - <https://www.reed.co.uk/career-advice/how-to-write-a-cover-letter/> |
| **Please complete this before starting the task – This will be used to provide reference details where applicable**  **Career Aim**   1. **What do you want do when you finish college? Why? And Why do you think you will be suitable for this?**   **University, or a job in coding, but some jobs require both experience and qualification so I may need to go to university although I am reluctant as I do not want debt**   1. **Where will you be applying to University or for further education? (Courses/Apprenticeships etc) What are the entry requirements?**   **Maybe Manchester university as it is close to where I live and I will not need to live away from home and incur any more debt than I will already get from university fees**   1. **What type of job(s) do you want to apply for?**   **Software engineer / game designer, anything to do with coding as I enjoy it.**   1. **What previous work experience/part time jobs have you had?**   **Delivering mattresses for a bed shop (part time), working as IT support in Rochdale mind (work experience)** |

# Programming Mini Project in C#

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| **This task is assessing your ability to program and Problem Solve using c#**  **These instructions are for using visual studio in college**  Open visual studio  Sign in with your bury college details  Set up will take a few minutes – you might need to click check for an updated licence  You can now create new programs using the Create New Project option…But first…   * Use file explorer to find and open a folder called Visual Studio 2019 * Create a new folder called Projects – you should save all new projects in this location * When you Create a New Project:   + Ensure you have selected c# as the language (there are many others so be careful)   + For these task you will need to create a Console App   + Ensure you select Visual Studio 2019 --> Project as the locations before you begin – failing to do this will give you an error when you try to run your program |
| **Develop a program using c# in Visual Studio that meets the following requirements**  **You have been asked to develop a multiple-choice quiz as either a Console Application or a Windows Forms Application**   * There should be 10 multiple choice questions about Programming.   + Question topics can include:     - Sequence, Selection, Iteration, Procedural Programming, Event Driven Programming, Object Oriented Programming * There should be a score feature * There should be feedback at the end that shows the score out of 10 and as a percentage e.g. 5/10, 50% * The program should ask for the name of the user and store their name and result in a text file * There should be an option to repeat the quiz * The program should be validated so that it does not crash when unexpected input values are entered   **Other requirements**   * **The program must have good code readability (naming, spacing, indentation/use of braces, comments)** * **You must provide evidence of meeting each of the requirements** |

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| **Requirement** | **Evidence (Print screens)** |
| There should be 10 multiple choice questions about Programming |  |
| There should be a score feature |  |
| There should be feedback at the end that shows the score out of 10 and as a percentage e.g. 5/10, 50% |  |
| The program should ask for the name of the user and store their name and result in a text file |  |
| There should be an option to repeat the quiz |  |
| The program should be validated so that it does not crash when unexpected input values are entered | .ToUpper() is used to validate |

## Copy your code below

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_10\_multiple\_choice\_quiz

{

class Program

{

static void Main(string[] args)

{

Decimal score = 0;

int maxscore = 10;

Decimal percentage = 0;

string RepeatProgram = "YES";

do

{

Console.WriteLine("What is your name?");

string name = Console.ReadLine();

Console.WriteLine("Only answer the questions with either A or B");

Console.WriteLine("What does OOP stand for in computing? A: Object Oriented Programming B: Only Orange Programmes ");

string q1 = Console.ReadLine().ToUpper();

Console.WriteLine("Which programming construct can go through a sequence multiple times? A: Iteration B: Selection ");

string q2 = Console.ReadLine().ToUpper();

Console.WriteLine("Which of these is a programming paradigm wherein the flow of the programme is determined by events? A: Event Driven Programming B: Section Dropping Programming ");

string q3 = Console.ReadLine().ToUpper();

Console.WriteLine("What does what programming construct picks 1 variable put of an array? A: Selection B: Sequence ");

string q4 = Console.ReadLine().ToUpper();

Console.WriteLine("Which programming language type does thing in a step by step fashion ? A: Object Oriented Programming B: Procedural programming ");

string q5 = Console.ReadLine().ToUpper();

Console.WriteLine("What is it called when instructions run one after the other? A: Sequence B: Binary ");

string q6 = Console.ReadLine().ToUpper();

Console.WriteLine("Which programming language type is based on the concept of objects that hold data and code? A: Object Oriented Programming B: Event Driven Programming ");

string q7 = Console.ReadLine().ToUpper();

Console.WriteLine("What programming construct is used in a do while loop? A: Selection B: Iteration ");

string q8 = Console.ReadLine().ToUpper();

Console.WriteLine("What programming construct is used in an If statement? A: Selection B: Sequence ");

string q9 = Console.ReadLine().ToUpper();

Console.WriteLine("What programming construct can go through a sequence in a linear order? A: Iteration B: Sequence ");

string q10 = Console.ReadLine().ToUpper();

if (q1 == "A")

{

score = (score + 1);

}

if (q2 == "B")

{

score = (score + 1);

}

if (q3 == "A")

{

score = (score + 1);

}

if (q4 == "A")

{

score = (score + 1);

}

if (q5 == "B")

{

score = (score + 1);

}

if (q6 == "A")

{

score = (score + 1);

}

if (q7 == "A")

{

score = (score + 1);

}

if (q8 == "B")

{

score = (score + 1);

}

if (q9 == "A")

{

score = (score + 1);

}

if (q10 == "B")

{

score = (score + 1);

}

percentage = ((score / maxscore) \* 100);

Console.WriteLine("Your score was " + score + "out of " + maxscore + "points.");

Console.WriteLine("Your percentage was " + percentage + "%");

using (System.IO.StreamWriter file = new System.IO.StreamWriter(@"C:\Hasib\Documents\BTEC\INDUCTION\10 multiple choice quiz\Name Score.txt", true))

{

file.WriteLine(name + " has the score " + score + "out of " + maxscore + " and the percentage " + percentage + ". ");

}

Console.WriteLine("What did you think of this quiz? ");

string feedback = Console.ReadLine();

using (System.IO.StreamWriter file = new System.IO.StreamWriter(@"C:\Hasib\Documents\BTEC\INDUCTION\10 multiple choice quiz\Feedback.txt", true))

{

file.WriteLine(feedback);

}

Console.WriteLine("Would you like to repeat the quiz? [Yes/No]");

RepeatProgram = Console.ReadLine().ToUpper();

} while (RepeatProgram == "YES");

Console.WriteLine("Press any key to exit");

}

}

}