



Assignment front sheet

Learner Name		Assessor Name	
		Dr Derek Peacock	
Date issued	Completion date	Submitted on	
7 th September 2015	20 th November 2015		
Qualification		Unit number and title	
BTEC Level 3 Extended Diploma in IT		Unit 14: Event Driven Programming	
Assignment title	Assignment 1: Event Driven Features		
In this assessment you will have opportunities to provide evidence against the following criteria.			

Criteria reference	To achieve the criteria the evidence must show that the student is able to:	Task no.
P1	explain the key features of event driven programs	Task 1
M1	discuss how an operating system can be viewed as an event driven application	Task 1
D1	evaluate the suitability of event driven programs for non-graphical applications	Task 1
P2	demonstrate the use of event driven tools and techniques	Task 2
M2	give reasons for the tools and techniques used in the production of an event driven application	Task 2

Learner declaration

I certify that the work submitted for this assignment is my own and research sources are fully acknowledged. I am happy with the grade awarded.

Learner signature:

Date:

Final Grade (if appropriate)		Points	
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	P1	P2	M1	M2	D1		
1 st attempt Date	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 11/11/11						
Final attempt Date							

Assessor's comments

Qualification	BTEC Level 3 Extended Diploma in IT	Assessor name	Dr Derek Peacock
Unit number and title	Unit 14: Event Driven Programming	Learner name	

Grading criteria		Assessor Feedback
P1	explain the key features of event driven programs	
P2	demonstrate the use of event driven tools and techniques	
M1	discuss how an operating system can be viewed as an event driven application	
M2	give reasons for the tools and techniques used in the production of an event driven application	
D1	evaluate the suitability of event driven programs for non-graphical applications	

Additional Assessor Feedback (including feedback for upgrade) and Action Plan	Action completed by date

Learner Feedback

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Learner		Signature		Date	
Assessor		Signature		Date	
Internal Verifier		Signature		Date	
Lead Internal Verifier		Signature		Date	

Assignment brief

Qualification	BTEC Level 3 Extended Diploma in IT
Unit number and title	Unit 14: Even Driven Programming
Start date	7th September 2015
Deadline	
Assessor name	Derek Peacock

Assignment title	Assignment 1: Event Driven Features
<p>The purpose of this assignment is to:</p> <ul style="list-style-type: none"> Understand the features of event driven programming 	
<p>Scenario You are working for “Lets Train U”, a training organisation that provides training in its own training centres, on customer’s sites and as an on-line resource. You have been given the job of producing an article (suitable for posting on the web site) that explains the features of event driven applications, and that demonstrates the use of event driven tools and techniques.</p>	
<p><i>P1 explain the key features of event driven programs</i> <i>M1 discuss how an operating system can be viewed as an event driven application</i></p> <p>Task 1 (P1, M1, D1) Research and write an article that explains the features of even driven applications (P1) including:-</p> <ul style="list-style-type: none"> Event handlers and triggers User interface controls in web pages and windows applications Objects with properties and methods Event loops Graphical user interfaces (GUI) and Integrated Development Environments (IDEs) <p>Discuss how an operating system such as Windows can be viewed as an event driven application (M1) Evaluate the suitability of event driven programming for non-graphical application such as system control applications (D1).</p> <p>Evidence An article that illustrates even driven features and tools.</p>	



P2: demonstrate the use of event driven tools and techniques

M2: give reasons for the tools and techniques used in the production of an event driven application

Task 2 (P2, M2)

Prepare some examples of the use of event driven tools and techniques in developing applications. Include examples from at least two different IDEs and programming languages (**P2**). Using these examples, give reasons for the tools and techniques used in developing the applications. Your examples should include:-

- The use of toolboxes and a at least four different user interface controls
- The use of objects and properties
- The use of at least four different triggers for event handling
- The use of debugging tools
- The declaration of variables.

Evidence

Web pages or a document containing illustrated examples of using event driven tools and techniques

DRAFT