The questions on this worksheet have been taken from the Original OCR GCSE Computing Specimen Paper

## 6-A-Day - Computer Science GCSE (2)

	(a) The table below contains statements about the functions of the CPU.									
		Tick one box in each row to show whether the statement is true or false.								
			TRUE	FALSE						
		It performs arithmetic operations on data.								
		If fetches and executes instructions								
		Input and output devices are plugged into it								
		It moves data to and from memory locations.								
					_ [4]					
2										
_	Vimal is writing a program to convert the time from the 24 hour clock to the 12 hour clock.									
	Here is an extract from his program. This extract contains <b>two</b> errors.									
	<pre>IF (hours &gt; 12) ADN (hours &lt; 24) THEN   hours = hours + 12 END IF</pre>									
	(a) Explain why there is an error in the <b>first</b> line, and state what type of error this is.									
		Type of Error:		[3]						
3										
	A file contains 5120 bytes. Calculate the size of the file in kilobytes. You must show your working.									
			diobytes.							
			ullobytes.							
		ou must show your working.								

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below.						
Channelli	D ChannelName	ChannelType	Broadcaster	HD		
346	ETV News	News	ETV	False		
347	Screen One	Movies	ETV	True		
349	BLING one	General	Bling	True		
350	Vivo	Documentary	ETV	False		
351	Nature	Documentary	Bling	False		
355	Screen One	Movies	Bling	True		
	nary key for the CHAI				[1]	
					. [1]	
Some computers a Explain why the lib User access levels	oraries need the fo		measures.			
Firewalls					[2]	
					[2]	
Debbie has a progra made.	am on her mobile p	hone, which calc	ulates the cost of	of the calls she ha	S	
(a) The program us	ses the following va	riables.				
State the most appropriate data type for each variable.						
Variable name		Purpose		Data type		
Network	The name of the operator used (e	.g. Toki Weka)				
CallLength	The length of a cand a half minute	es)				
SameNetwork	same network					
TotalCalls		r of calls made (e				
RunningCost	The calculated o	ost of all calls (e.g	g. £12.00)			