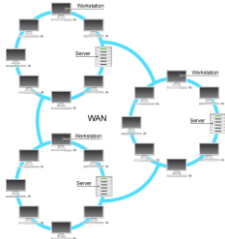
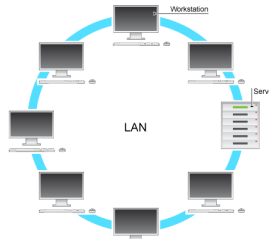

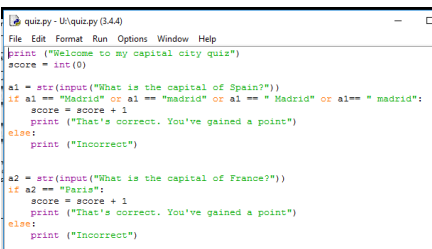
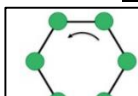
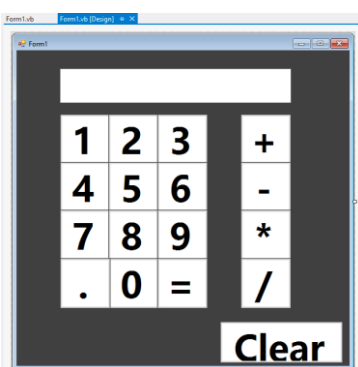
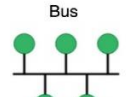
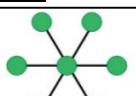


Year 9 Knowledge Organiser

Networks		IDE		HTML			
Network	A group of connected devices which communicate.	IDE	Integrated Development Environments – software used to code and build programs.	Tags	Sets of commands.		
Wired	A network connected using cables e.g. Ethernet.	IDLE	IDE to code python programs in.	<html>	An illegal program disguised.		
Wireless	A network connected wirelessly.	PyScrip ter	Another IDE used for python coding.	<head>	Displays information in the header.		
<u>Wide Area Network (WAN)</u>		Visual Basic	An IDE using Visual Studio 2012 software to code in VB.	<body>	Main content of the webpage.		
		Notepad++	Software used to code HTML and build webpages.	<H1> <H2> <H3> <H4>	Heading tags. 1 = largest sized heading.		
<u>Local Area Network (LAN)</u>		<u>HTML IDE</u>		 <I> <U>	Formatting tags. B = Bold, I = italic U = underline		
				<style>	Styles the webpage.		
Covers multiple sites. Used in organisations e.g. supermarkets, shops, doctors.		<u>Python</u>		<ahref>	Hyperlinks to other webpages.		
Covers a single site. Used in homes, hospitals, schools. Company own and manage their own LAN.					Adds an image		
				<p>	Paragraph tags.		
<u>Network Topologies</u>		<u>Visual Basic IDE</u>		<u>Programming</u>			
				Sequence	Ordered instructions.	String	Data type containing characters.
<p>Ring Routing and connection traverses a ring</p>				Selection	Choose between two options of code.	Integer	Data type containing whole numbers.
				Iteration	Repeats lines of code.	Float / Decimal / Real	Data type containing decimal numbers.
<p>Bus Routing and connection is peer-to-peer over a shared medium</p>				Inputs	Data received from the user.	Boolean	Data type containing True/False values.
				Outputs	Data displayed to the user.	Subroutines	Self-contained section of code.
<p>Star Routing and connection goes through a central point</p>				Variables	Locations in memory which store values.	Concatenation	Joining to strings (or values) together.
<u>Ring</u> Cheap Equal status Fast		<u>Bus</u> Backbone link common Relatively cheap		<u>Star</u> Connects to hub Fast Expensive			

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