

QN). Assuming you are talking to a boda boda guy with a p.7 understanding, with examples briefly explain the following;

**a) Statement:**

This is like telling a computer what to do.

**For example**, when you tell your phone to look for “Papa” in you phone contact list and it shows his number, that instruction is a statement.

**b) Code:**

This is a language we as humans use to talk to a computer.

**For example**, when you type Google, the computer understands and shows you what you asked for.

**c) Memory address:**

Is like a house number where a file lives inside the phone.

**For example**, when you save a song, the phone keeps it in a certain “room” in its memory.

**d) Variable name:**

Is like a nickname for something stored in the computer.

**For example**, when you call your friend “Lufene” instead of saying his full name every time.

**e) An operator:**

Is a symbol used to do a math or compare things.

**For example**, a plus sign (+) in  $1 + 1$

**f) An operand:**

Is the number or thing being worked on by the operator.

**For example**, in  $1 + 1$  the numbers 1 and 1 are operands.

**g) A datatype**

Tells the computer what kind of thing it is working on.

**For example,** a P.7 uniform tells us someone is a P.7 student, the way “12” is a number and “Precious” is text.

**h) A list of values:**

Is like keeping many things in a bag.

**For example,** a suitcase with shoes, trousers and shirt all packed together. In python they are inside square brackets

**i) Python script:**

Is like a written note full of instructions for a computer.

**For example,** writing steps in a notebook for someone to follow.