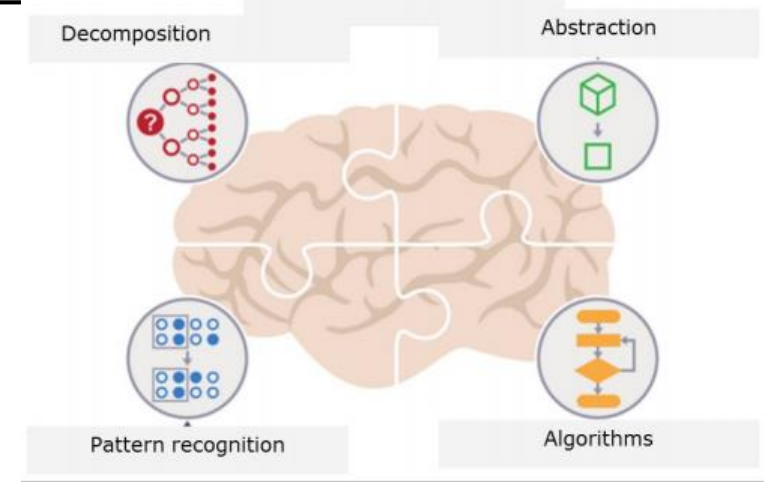


Keywords	
Syntax	The correct structure or layout of code
Variable	A stored value in a program which is referenced by a name
If, then, else	Making code run depending on whether a statement is true or false
Indentation	Adding spaces to the start of lines of code so that it understands scope
Scope	Defining what code belongs to what part of the program
Iteration	Looping the same code over and over again
Casting	Converting variables from one data type to another
Concatenation	Adding pieces of text together
List	A data type which can hold many items in a list
Evaluation	Determining the value of an expression e.g. true or false
Debugging	The process of finding and resolving bugs (problems within the program)
Selection	Selecting a direction through a program depending on the answer to a question



Input and Output Example

```
name = input("What is your name?")
print(name)
```

Selection Example

```
if name == "John":
    print("Wow that's my name!")
elif name == "Mary":
    print("I have sister with that name")
else:
    print("You are the first person I know with that name")
```

Comparison Operators

==	The same as
>	Greater than
<	Less than
!=	Not the same as

Data Types (what sort of data is stored in a variable)

String	A text based value
Integer	A whole number
Boolean	Data type of true or false
Float	A decimal number