

Year 7 Knowledge Organiser - Computer Science

Sample Python Program

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

```
sport = input("What is fave sport in PE? ")  
print("I like running,, but I also like " + sport)
```

```
food = input("What is your fave food in the Canteign? ")  
print("I love the food in the Canteign!")
```

Key Terms Table

 Term	 Definition	 Example
Variable	A value that could change that is stored in memory	name = input(...)
Input	Data entered by the user	input("What is your name?")
Output (print)	Displays information to the user	print("Hello")
Concatenation	Joining strings together	"Hello " + name
String	Text enclosed in quotation marks	"Hello"
Sequence	Instructions executed in order	Line-by-line execution
Assignment	Storing a value in a variable	name = "Alex"
Bracket	Used to group or call functions	input(...)
Quotation Marks	Used to define strings	"Hello"
+	Used for addition or concatenation	"Hello " + name

Quiz Section

1. What is a variable?
2. What does the input() function do?
3. What symbol is used for concatenation?
4. What is the purpose of quotation marks in a string?
5. What does the print() function do?

