

Assessment questions : strings and string formatting

1) What does the following piece of a program do? Show the output.

```
a = "abc"  
b = "xyz"  
print(a[1])  
print(a+b)
```

2) What does the following piece of a program do? Show the output.

```
a = "Hello"  
b = "David"  
print(a,b)  
print(a + b)  
print(a + ", " + b)  
print(a*4)
```

3) What does the following piece of a program do? Show the output.

```
a = 5  
b = "David"  
print("%s is %d years old" % (b,a))
```

4) What does the following piece of a program do? Show the output.

```
a = 25  
b = 2.3  
c = "trees"  
print("%d %s are %d years old" % (a,c,b))
```



5) I'm writing a program that takes three words from the user, concatenates all three words with the spaces in between them and stores the result in a variable `result`, then displays the `result`.

I started writing the program, but I didn't finish it. Finish it please.

```
word1 = input("Please enter the first word:")
word2 = input("Please enter the second word:")
word3 = input(

result = word1 +

print(
```

