

1. Provided the following Python code, please answer the following questions.

```
1   date = "January 28th"
2   def welcome(name):
3       print("Welcome, " + name + "!")
4       print("Today is" +date+".")
5       print("Goodbye, " + name + ".")
```

What is the scope of the variable name?

- Local
- Global

What is the scope of the variable date?

- Local
- Global

2. Provided the following Python code, trace the function calls and answer the following question:

```
1   def foo(x, y, z):
2       return x*y+z
3
3   def bar(x):
4       a = foo(x, x+2, x*2)
5       return a**2
6
6   print(bar(3))
```

What will be printed after line 6 is executed?

- 42
- 441
- 9