

1. (30 Points) Determine the output of the following python program. Type each line of output exactly as it would appear in the terminal window (including spaces).

```
x = 7
y = 3
z = 2
a = x + y
b = str(x) * (y**z)
c = x**z
d = x//y
e = x%y
print('a =', a)
print('b =', b)
print('c =', c)
print('d =', d)
print('e =', e)
```

Program output:

```
a = 10
b = 777777777
c = 49
d = 2
e = 1
```

2. (20 Points) Write a short Python program that asks the user for their name

```
Please enter your name:
```

then prints the greeting

```
Hello foo, welcome to CSE 20
```

where `foo` stands for the name that was entered by the user.

One of several possible solutions:

```
name = input('Please enter your name: ')
print('Hello '+name+', welcome to CSE 20')
```