

Brock Grinstead

CM 1675

CSSE 304-02

Assignment #19

1. What is the output when the following line of code is executed in a Scheme environment?

```
(map (lambda (x) (+ x (call/cc (lambda (k) (map k '(1 2 3 20)))))) '(1 2 3 4 5))
```

Answer: (21 22 23 24 25)

2. What is the output when the following line of code is executed in a Scheme environment?

```
(apply (lambda x (let ([y (apply + x)]) (+ y (call/cc (lambda (k) (map k '(1 2 3 20))))))) '(1 2 3 4 5))
```

Answer: 35