

ASSIGNMENT 1 OUTPUT

Output:

```
Enter code lines (e.g., x = 2 * 8). Type 'done' to finish:
```

```
x = 4 * 8
```

```
y = x * 5
```

```
z = y + 5
```

```
done
```

```
Optimized code:
```

```
z = 165
```

```
=== Code Execution Successful ===
```