

- (1) Write Python code that prompts the user for distance in kilometers, and prints out the distance in miles.

Useful formula: $miles = 0.621 \cdot kilometers$.

- (2) What is the output of the following:

```
a = 4
b = a**2
c = b % 5
d = b // 5
print(a,b,c,d)
a,b = b,c
print(a,b,c,d)
a = b % 2
print(a,b,c,d)
```