Dictionaries

(Spring 2020 March 6th Lecture 20)

1. Consider the following dictionary:

What will be printed for the following expressions? If an expression generates an error write "error".

Expression	Value
color_code['red']	
color_code['black']	
color_code['#00FF00']	
color_code[2]	

2. Consider the following dictionary:

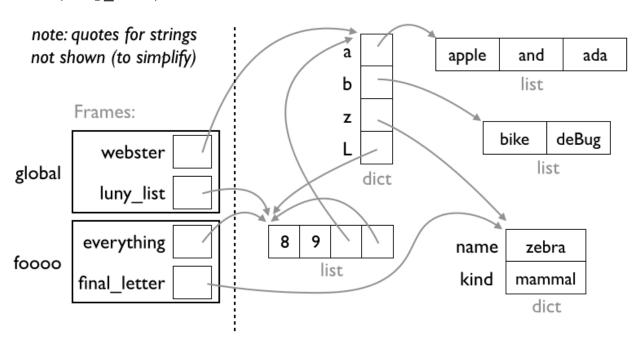
What is the **type** (int, float, bool, str, list, dict) of the following expressions?

Expression	Туре	Expression	Туре
person		person['isAlive']	
person['name']		person['phone']	
person['age']		person['address']	

3. For this wacky code, what is printed if we replace ???? in each case (use diagram)?

```
webster = {
    "a": ["apple", "and", "ada"],
    "b": ["bike", "deBug"],
    "z": {"name": "zebra", "kind": "mammal"}
}
luny_list = [8, 9, webster]
luny_list.append(luny_list) # what?????
webster["L"] = luny_list

def foooo(everything):
    final_letter = everything[2]["z"]
    print(????)
foooo(luny list)
```



????	result	????	result
luny_list[1]		luny_list[3][1]	
webster["a"][-1]		everything[3][3][3][2]["z"]["kind"]	
webster["z"]["name"]		final_letter["name"][-1]	
webster["L"][1]		luny_list[3][-1][3][-1][3][-1][0]	
luny_list[2]["b"][1]		webster["L"][2]["L"][2]["L"][2]["L"][1]	