Dictionaries

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. What is the output of the following code snippet?

3. What is the output of the following code snippet?

```
word = "Happiness"
d = dict()
for letter in word:
   if letter in d:
       d[letter] += 1
   else:
       d[letter] = 1
```

```
print(d)
```

4. Consider the following dictionary:

```
d = {}
d[0] = 'zero'
d[1] = 'one'
d[2] = 'two'
```

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

Expression	Value
1 in d	
'2' in d	
2 not in d	
'zero' in d	

5. 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']	

<pre>person['name']</pre>	person['phone']	
person['age']	person['address']	