1. What does an empty dictionary's code look like?

| empty\_dic={} |
| --- |

2. What is the value of a dictionary value with the key 'foo' and the value 42?

| 42 |
| --- |

3. What is the most significant distinction between a dictionary and a list?

| In the dictionary there will be two elements key and values but in the list we can store only one element. |
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4. What happens if you try to access spam['foo'] if spam is {'bar': 100}?

| Gives an error as KeyError. |
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5. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys()?

| There is no difference,” ‘cat’ in spam whether cat is present in spam or not. |
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6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?

| ‘cat’ in spam checks whether cat exists as a key in spam. ‘cat’ in spam.values() checks whether cat exists as a value in spam. |
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7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

| spam.setdefault(‘colour’,’black’) |
| --- |

8. How do you "pretty print" dictionary values using which module and function?

| The module is pprint.  The functions are pprint.pprint() and pprint.pformat(). |
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