

Question: Flatten Dictionary

This problem was asked by Stripe.

Write a function to flatten a nested dictionary. Namespace the keys with a period.

For example, given the following dictionary:

```
{"key": 3, "foo": {"a": 5, "bar": {"baz": 8 }}}
```

It should become:

```
{"key": 3, "foo.a": 5, "foo.bar.baz": 8}
```

You can assume keys do not contain dots in them, i.e. no clobbering will occur