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**Invert-a-dict****X59451\_en**

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A dictionary is said to be *invertible* if all keys are associated to a different value (and thus, each value happens only once).

Program a function *inverse(d)* that given an invertible dictionary *d* with *string* keys and *int* values, returns its inverse. That is, a dictionary where each *int* value in the original dictionary is now a key, and its *string* key in the original dictionary is now its associated value.

For instance, if the original dictionary *d* is:

```
{ 'hello' : 3,
  'bye' : 5,
  'someone' : 1 }
```

the function will return

```
{ 3: 'hello',
  5: 'bye',
  1: 'someone' }
```

The function does not have to deal with non-invertible dictionaries. The received dictionary will always be invertible.

**Observation**

Only the function will be evaluated. If your submission includes a main program (e.g. with *testmod*), it must be either commented out or inside a condition *if \_\_name\_\_ == '\_\_main\_\_'*

**Problem information**

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