A better approach

`.defaultdict` `lambda`

`for` `in`

print

```
# => defaultdict(<function <lambda> at 0x.........>,
{'red': [1], 'yellow': [1, 3], 'blue': [2, 4]})
```

collections.defaultdict

```python
input_data = [...]


# A better approach
output = collections.defaultdict(lambda: list())
for k, v in input_data:
    output[k].append(v)




print(output)
# => defaultdict(<function <lambda> at 0x........>,
{'red': [1], 'yellow': [1, 3], 'blue': [2, 4]})
```

accepts one argument - a zero-argument
factory function to supply missing keys

When key is missing, go to the factory

Zero-Argument Callable