Write a function that returns a sorted vector with the intersection of the sorted vectors $v1$ and $v2$. The result must have the common elements in $v1$ and $v2$, without repetitions. For instance, the result of the intersection of a vector with 1, 2, 2, 5, 5 and 7 and a vector with 2, 3, 3 and 7 is a vector with 2 and 7.

**Interface**

**C++**

```cpp
vector<double> intersection(const vector<double>& v1, const vector<double>& v2);
```

**Java**

```java
public static double[] intersection(double[] v1, double[] v2);
```

**Python**

```python
intersection(v1, v2)  # returns list
```

**MyPy**

```python
intersection(v1: list[float], v2: list[float]) -> list[float]
```

**Observation**

You only need to submit the required procedure; your main program will be ignored.

**Problem information**

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