Using the definitions

```cpp
typedef vector<char> Row;
typedef vector<Row> Rectangle;
```

write a procedure

```cpp
void minimal_dimensions(char c, const Rectangle& r, int& rows, int& cols);
```

that computes the number of rows `rows` and the number of columns `cols` of the smallest subrectangle with horizontal and vertical sides that contains all the occurrences of `c` in `r`.

**Precondition**

The character `c` occurs at least once in `r`, which is really a rectangle. That is, all rows have the same number of characters.

**Observation**

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