
Most frequent factor**P21281_en**

Write a procedure

```
void factor (int n, int& f, int& q);
```

to store in `@f@` the most frequent factor of `@n@`, and store in `@q@` how many times it appears. If there is a tie, choose the smallest factor. For instance, if called with `@n@ = 450 = 21 · 32 · 52`, the values after the call must be `@f@ = 3` and `@q@ = 2`.

Precondition

`@n@ ≥ 2`

Observation

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

Problem information

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