

## Question Name

intro text for the question

### 1 TLA Statement problems

paragraph talking about known issues with current implementation

### 2 Ideal Statements

paragraph or list describing what the ideal statements for this algorithm would be

### 3 Algorithm

#### 3.1 statement parameters to utilize

- first param
- second param
- third param

#### 3.2 Summary

1. step 1
2. step 2
3. step 3

#### 3.3 Definition

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**Algorithm 1:** How to write algorithms

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**Input:** this text

**Result:** how to write algorithm with  $\text{\LaTeX}$ 2e initialization;

```
while not at end of this document do
  read current;
  if understand then
    go to next section;
    current section becomes this one;
  else
    go back to the beginning of current section;
  end
end
```

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### 3.4 Pseudocode

TODO: use markdown here?