bool is_configurations_count_valid(int configurations_count, int present_configurations_count);

```
НАЧАЛО
```

configurations_count > 0 &&
MAX_NUMBER_OF_CONFIGURATIONS >
present_configurations_count >=
configurations_count

He

return false

Да

return true

КРАЙ

```
      ( A )
        │
        ▼
   ╱ configuration_ram ╱
        │
        ▼
┌─────────────────────────┐
│ computer.ram =          │
│ stod(configuration_ram.substr(11, │
│ configuration_ram.length() - 14)); │
└─────────────────────────┘
        │
        ▼
   ╱ processor_manufacturer ╱
        │
        ▼
┌─────────────────────────┐
│ processor.manufacturer =        │
│ processor_manufacturer.substr(15, │
│ processor_manufacturer.length() - │
│ 15);                    │
└─────────────────────────┘
        │
        ▼
   ╱ processor_model ╱
        │
        ▼
┌─────────────────────────┐
│ processor.model =       │
│ processor_model.substr(8, │
│ processor_model.length() - 8)); │
└─────────────────────────┘
        │
        ▼
   ╱ processor_frequency ╱
        │
        ▼
┌─────────────────────────┐
│ processor.frequency =   │
│ stod(processor_frequency.substr(18, │
│ processor_frequency.length() - 22)); │
└─────────────────────────┘
        │
        ▼
   ╱ processor_cores ╱
        │
        ▼
┌─────────────────────────┐
│ processor.cores =       │      ( B )
│ stoi(processor_cores.substr(12, │
│ processor_cores.length() - 12)); │
└─────────────────────────┘
```

```
                    ( B )
                      |
                      v
              _____
             /configuration_price/
            /_____/
                      |
                      v
    ┌─────────────────────────────────┐
    │         computer.price =        │
    │   stod(configuration_price.substr(6, │
    │   configuration_price.length() - 10)); │
    └─────────────────────────────────┘
                      |
                      v
          _____
         /configuration_availability/
        /_____/
                      |
                      v
    ┌─────────────────────────────────┐
    │    computer.available_status =  │
    │  configuration_availability.substr(16, │
    │  configuration_availability.length() - │
    │               16);              │
    │                                 │
    │    configurations_data.ignore();│
    └─────────────────────────────────┘
                      |
                      v
    ┌─────────────────────────────────┐
    │   computer.processor = processor;│
    │                                 │
    │ configurations[present_configurations_count++] = │
    │            computer;            │
    └─────────────────────────────────┘
```