

SABlythe / CSC24400-Spring2021

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CSC24400-Spring2021 / PFA_2_25 / PartiallyFilledArray.hpp



SABlythe Added overloaded operator= to PFA class.

🕒 History

👤 1 contributor

Raw

Blame



34 lines (23 sloc) | 747 Bytes

```
1  #include<iostream>
2  #include<string>
3
4  class PartiallyFilledArray
5  {
6  private:
7      std::string *_array;
8      int _currSize;
9  public:
10
11      PartiallyFilledArray();
12      PartiallyFilledArray(int maxSize);
13
14      void add(const std::string &toAdd);
15      void operator+=(const std::string &toAdd);
16      void operator+=(const PartiallyFilledArray &toAdd);
17
18      std::ostream& operator<<(std::ostream &os) const;
19
20
21      std::string& operator[] (int index);
22
23      // PartiallyFilledArray a, b, c;
24      //   allows c=a=b;
25      //       c = a.operator=(b);
26      const PartiallyFilledArray& operator=(const PartiallyFilledArray &rhs);
27
```

```
28     std::ostream& print(std::ostream &toThisStream) const;
29
30     friend std::ostream& operator<<(std::ostream &os,
31                                     const PartiallyFilledArray &pfa);
32 };
33
34
```