**Ví dụ**

**Input**

4

4 1

1 4 2 5

unique = [1, 2, 4, 5]

→ Average

**Input**

4 2

4 2 1 5

unique = [1, 2, 4, 5]

→ Average

**Input**

4 3

5 2 4 1

unique = [1, 2, 4, 5]

→ Average

**Input**

4 4

1 2 4 5

unique = [1, 2, 4, 5]

→ Good

**set (C++ hoặc Python)**

**Treeset (Java)**

**Mã giả:**

**read(T);**

**for test = 1 to T: {**

**read(n, x);**

**s = BST; (set or Treeset)**

**for i = 1 to n: {**

**read(a[i]);**

**s.add(a[i]); // insert trong C++**

**}**

**unique = s.size();**

**if unique > x:**

**print(‘Average’);**

**else if unique < x:**

**print(‘Bad’);**

**else:**

**print(‘Good’);**

**}**

**Độ phức tạp: O(T \* N \* log(N))**