**#PA2 Report**

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1. **Recurrence Functions**
2. MPS: recurrence by top-down method
3. chordK: selecting the chords jk with only one vertice k
4. **Data** (N = number of chords; n = number of vertices)
5. Vector<pair<int, int> > data : read the input file in pairs
6. Int chord[n]: store the other endpoints of the corresponding chord
7. Int select[n][n]: Whether select the chord while doing MPS
8. Int M[n][n]
9. Vector<int> selectK: store the selected chord by one endpoint
10. Bool finK[n]: sort the selected endpoints
11. **Findings**
12. We can fix the error “ 'auto' type specifier is a C++11 extensions “ by adding “-Wno-c++11-extensions” to makefile.