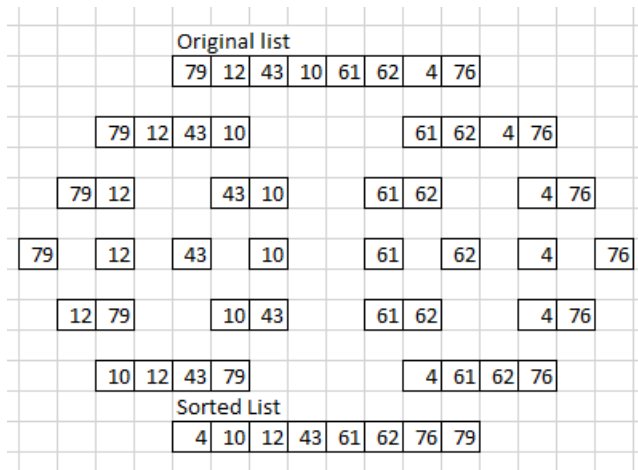


Problem 3

Merge sort works by first breaking down the list into individual elements, and then merging them into progressively bigger sorted lists.



Problem4

```
ostream &operator<<(ostream &strm, const Clock &time)
{
    int printHour;
    string amPM;
    amPM = "AM";
    if(hour < 12)
    {
        printhour = hour - 12;
        amPM = "PM"
    }

    strm << setfill('0') << setw(2) << printHour << ":";
    strm << setfill('0') << setw(2) << getMin() << ":";
    strm << setfill('0') << setw(2) << getSec() << amPM << endl;
    return strm;
}
};
```