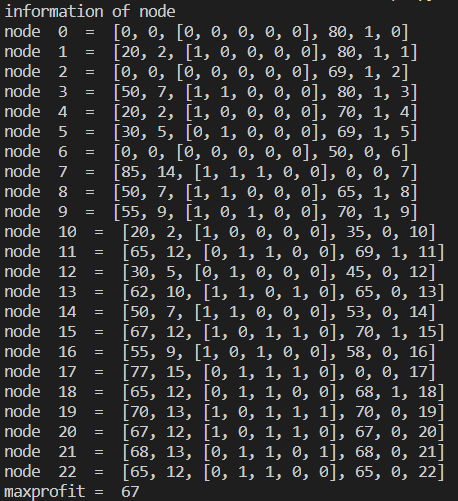
Solution 1.

Solution 2 & 3.

1. depth-first-search  
 2. breadth-first-search  
 

3. best-first-search

Do the same thing for the example in Exercises #1 in page 281. Again, you need to show me the numbers of three versions, respectively.

Make your own sets fo problems and do the same experiments as many as you can. Try your best to come up with some interesting numbers that might impress me.