1. deterministic, because name of each family member can be put in a list
2. non-deterministic, because the stop condition is when all the disks are cleaned
3. deterministic, because page number of the book can be put in a list
4. non-deterministic, because stop condition is when the call comes
5. deterministic, because all the number within the range can be put in a list
6. non-deterministic, because the stop condition is when one can score 501
7. deterministic, because all the dishes in the party can be put in a list
8. deterministic, because all the sub-questions in this question can be put in a list