Edeni (Jany) Sparks Data Structures: Honework Ch.4 Insertion Sort: ALGORITHM Un Sorted Array ALGORITHMS ALGORITHMS ALIGORITHMS AGLIORITHMS AGHILMORST AGLOIRITHMS 6- AGLOR ITHMS 7-3 AGILORITHMS 8- AGILORT HMS AGHILOR TIMS 9-3 10 -> AGHILMORTIS AGHILMORS Topological Sort (DFS): $\begin{array}{cccc}
F, D, E, F, A, C, B \\
F, A
\end{array}$ Sort (Source Remove): Topological O O O A

4) Generate all Permutations (Bottom Up): 12 132 312 123 that lask so much 213 321 231 Concentration! 1234 1423 1243 4123 1324 1432 1842 4132 3124 3412 3142 4312 3421 3241 4321 3214 2431 2341 4231 2314 2413 2143 4213 2134 5) Generate all Permutations (Johnson Trother): 1423 4123 1234 1432 ₹ 132 1342 1324 3142 4321 3241 3412 4312 3241 3421 2314 2341 2431 2143 2413 W Generate all Subsets (Bottom Up and Squashed) & A. Az Az Az 2 = 16 % œ. Ø. A. Ø A . Az A.Az Ø, A, Az, A, Az, Az, Az, AzAz, AzAz Ø, A, Az, AAz, As, AAS, AZAS, A, AZAS, Au, AIAG, ATAZAG, AIAZABAG, AZAG, AZAG, AZ AY , A: AZAY They Sparks