

- .12 †\*Software systems analysis and design  
 Standard subdivisions are added for either or both topics in heading  
 Class here functional requirements, requirements analysis
- .13 †\*Programming languages  
 Including application generators, nonprocedural (declarative) languages, text editors specially designed to assist in coding programs  
 Class here coding of programs  
 Class comprehensive works on text editors in 005.52  
*For programming languages devoted to a specific task, see the task, e.g., relational database programming languages 005.756*  
*See also 005.434 for job control languages*
- .56 \*Information filtering systems  
 Including recommender systems  
 Class here interdisciplinary works on information filtering systems  
*For information science aspects of information filtering systems, see 025.04*
- .7 \*Data in computer systems**  
 Class here high-volume data sets  
*For data security, see 005.8*  
*See Manual at 005.1 vs. 005.3; also at 025.04, 025.06 vs. 005.7, 005.74*
- .741 \*File organization and access methods  
 Standard subdivisions are added for either or both topics in heading  
 Including hashing, merging, search algorithms, search trees, sort algorithms, sorting; comprehensive works on query languages  
 Class interdisciplinary works on query languages in 025.04  
*For query languages for a specific database model, see the model, e.g., relational database query languages 005.756*  
 Data file formats relocated to 005.72
- .758 \*Distributed data files and databases  
 Class here data files and databases used in client/server computing; key-value stores  
*See also 004.36 for distributed processing*

\*Use notation 019 from Table 1 as modified at 004.019

†Do not use notation 01 from Table 1 for general discussion of logic in programming; see Manual at 005.101