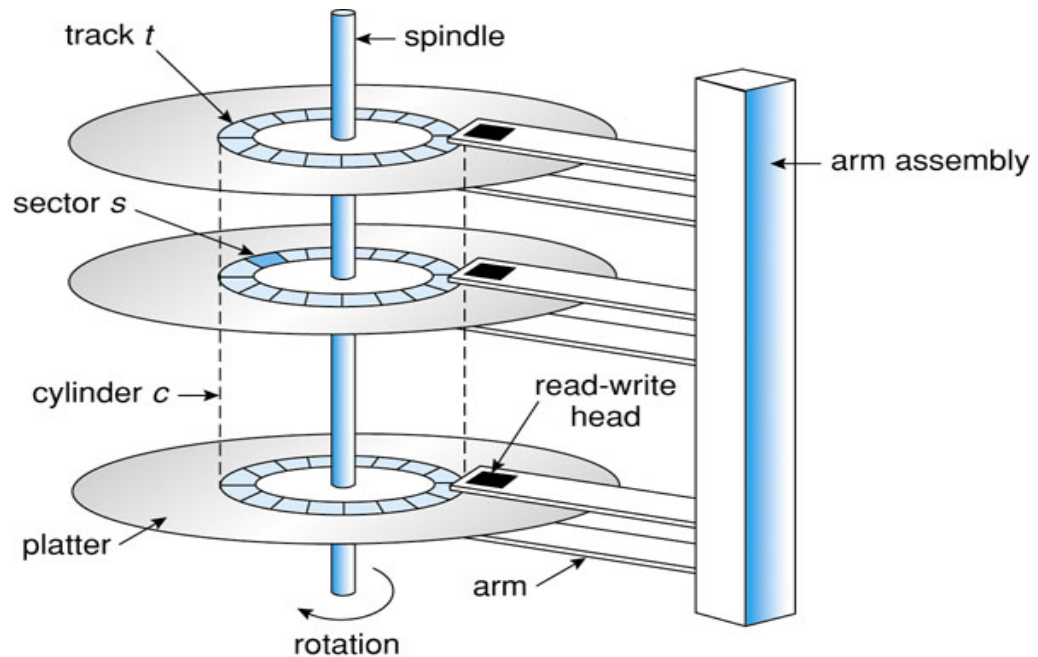# File Systems

User subdirectories

Magnetic Disk Structure

Contiguous File Allocation (Extents)

directory

file	start	length
count	0	2
tr	14	3
mail	19	6
list	28	4
f	6	2

count
0 1 2 3
f
4 5 6 7
8 9 10 11
tr
12 13 14 15
16 17 18 19
mail
20 21 22 23
24 25 26 27
list
28 29 30 31

Linked File Allocation

directory

file	start	end
jeep	9	25

0 1 2 3
4 5 6 7
8 9 10 11
12 13 14 15
16 17 18 19
20 21 22 23
24 25 26 27
28 29 30 31
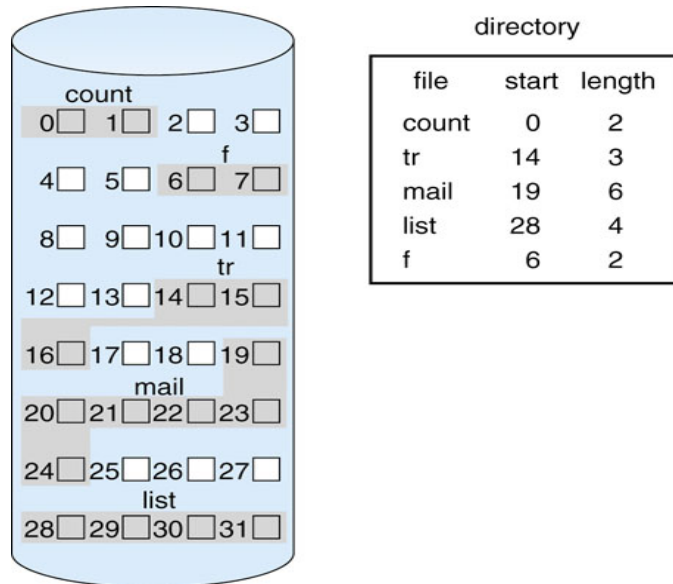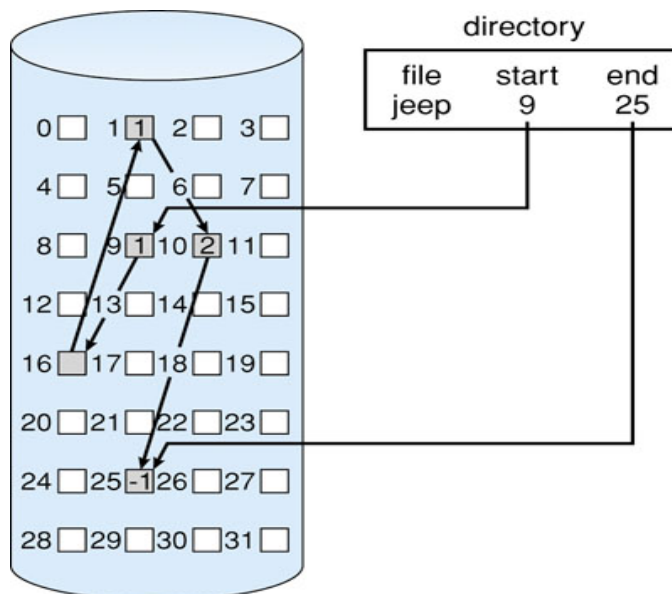
Indexed File Allocation
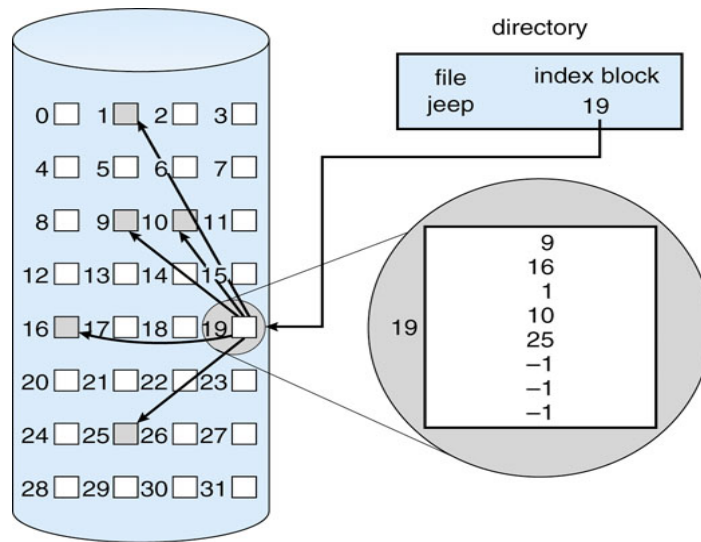
Multilevel Indexed Files