

Entry  
for one  
file

|                     |   |   |   |
|---------------------|---|---|---|
| File 1 entry length |   |   |   |
| File 1 attributes   |   |   |   |
| p                   | r | o | j |
| e                   | c | t | - |
| b                   | u | d | g |
| e                   | t | ☒ |   |
| File 2 entry length |   |   |   |
| File 2 attributes   |   |   |   |
| p                   | e | r | s |
| o                   | n | n | e |
| l                   | ☒ |   |   |
| File 3 entry length |   |   |   |
| File 3 attributes   |   |   |   |
| f                   | o | o | ☒ |
| ⋮                   |   |   |   |

(a)

Entry  
for one  
file

|                          |   |   |   |
|--------------------------|---|---|---|
| Pointer to file 1's name |   |   |   |
| File 1 attributes        |   |   |   |
| Pointer to file 2's name |   |   |   |
| File 2 attributes        |   |   |   |
| Pointer to file 3's name |   |   |   |
| File 3 attributes        |   |   |   |
|                          |   |   |   |
| p                        | r | o | j |
| e                        | c | t | - |
| b                        | u | d | g |
| e                        | t | ☒ | p |
| e                        | r | s | o |
| n                        | n | e | l |
| ☒                        | f | o | o |
| ☒                        |   |   |   |

Heap

(b)