```
1   struct LINE {char* line; size_t size;};

2   int str_contains_pattern(char* str, char* pattern);

3   char* copy_str(char* str);

4   void book_filter(struct LINE** bk_in,

5                    char* pattern, char** bk_out, int size) {

6     #pragma omp parallel

7     #pragma omp single

8     for (int i = 0; i < size; i++) {

9     #pragma omp task depend(in: line, pattern)

10    if (str_contains_pattern(bk_in[i]->line, pattern)) {

11      #pragma omp task depend(in: line)

12      bk_out[i] = copy_line(bk_in[i]->line);

13    }

14   }

15  }
```