```
milestone_no_operation

    void * helper = init_fs("before/01_file_data", "before/01_directory_table", "before/01_hash_data", 4);
    close_fs(helper);

milestone_create_file

    void * helper = init_fs("before/02_file_data", "before/02_directory_table", "before/02_hash_data", 4);
    int ret = create_file("myfile", 500, helper);
    close_fs(helper);

milestone_create_file_exists

    void * helper = init_fs("before/03_file_data", "before/03_directory_table", "before/03_hash_data", 4);
    int ret = create_file("document.txt", 1, helper);
    ret = create_file("config", 3, helper);
    close_fs(helper);

milestone_resize_file

    void * helper = init_fs("before/04_file_data", "before/04_directory_table", "before/04_hash_data", 4);
    int ret = resize_file("file1.txt", 18, helper);
    close_fs(helper);

milestone_resize_file_no_space

    void * helper = init_fs("before/05_file_data", "before/05_directory_table", "before/05_hash_data", 4);
    int ret = resize_file("assignment.pdf", 1025, helper);
    ret = resize_file("assignment.pdf", 1024, helper);
    close_fs(helper);

milestone_delete_file

    void * helper = init_fs("before/06_file_data", "before/06_directory_table", "before/06_hash_data", 4);
    int ret = delete_file("wow.file", helper);
    close_fs(helper);

milestone_delete_file_not_found
    void * helper = init_fs("before/07_file_data", "before/07_directory_table", "before/07_hash_data", 4);
    int ret = delete_file("nonexistent", helper);
    close_fs(helper);

milestone_rename_file
    void * helper = init_fs("before/08_file_data", "before/08_directory_table", "before/08_hash_data", 4);
    int ret = rename_file("test.o", "different", helper);
    close_fs(helper);

milestone_rename_file_exists
    void * helper = init_fs("before/09_file_data", "before/09_directory_table", "before/09_hash_data", 4);
    int ret = rename_file("test.o", "test.c", helper);
    close_fs(helper);

milestone_read_file
    void * helper = init_fs("before/10_file_data", "before/10_directory_table", "before/10_hash_data", 4);
    char buf[11];
    int ret = read_file("file1.txt", 5, 50, buf, helper);
    ret = read_file("file1.txt", 5, 10, buf, helper);
    close_fs(helper);

milestone_write_file
    void * helper = init_fs("before/12_file_data", "before/12_directory_table", "before/12_hash_data", 4);
    char buf[] = "tests";
    int ret = write_file("file1.txt", 160, 50, buf, helper);
    ret = write_file("file1.txt", 16, 5, buf, helper);
    close_fs(helper);
```

```
milestone_file_size
    void * helper = init_fs("before/14_file_data", "before/14_directory_table", "before/14_hash_data", 4);
    ssize_t ret = file_size("testfile", helper);
    ret = file_size("nonexistent", helper);
    close_fs(helper);

milestone_repack
    void * helper = init_fs("before/16_file_data", "before/16_directory_table", "before/16_hash_data", 4);
    repack(helper);
    close_fs(helper);
```