```
4b825dc642cb6eb9a060e54bf8d69288fbee4904
```

The output of `git write-tree` is the 40-char SHA hash of the tree object that was written to `.git/objects`.

To implement this, you'll need to:

- Iterate over the files/directories in the working directory
- If the entry is a file, create a blob object and record its SHA hash
- If the entry is a directory, recursively create a tree object and record its SHA hash
- Once you have all the entries and their SHA hashes, write the tree object to the `.git/objects` directory

  If you're testing this against `git` locally, make sure to run `git add .` before `git write-tree`, so that all files in the working directory are staged.

Tree File Storage (recap)

▼ Click to expand/collapse

We covered the format of a tree object file in the previous stage. Here's a quick recap of what a tree object file looks like (before Zlib compression):

```
tree <size>\0
<mode> <name>\0<20_byte_sha>
<mode> <name>\0<20_byte_sha>
```

(The above code block is formatted with newlines for readability, but the act
file doesn't contain newlines)

Tests failed. Show logs