```
function getContext(files, token_limit, granularity):
    if total_tokens(files) <= token_limit:
        return extract_info(files, granularity)
    else:
        mid = floor(len(files) / 2)

        part1 = files[0:mid]
        part2 = files[mid:len(files)]

        context1 = getContext(part1, token_limit, granularity)
        context2 = getContext(part2, token_limit, granularity)

        return combine(context1, context2)
```