replace

Write a function `replace(s1, s2, s3)` that takes three strings: `s1`, `s2`, and `s3`. The function should return a new string where all occurrences of the substring `s2` in `s1` are replaced with the string `s3`. This function should not use the built-in `s.replace()` method.

Constraints

- The input strings `s1`, `s2`, and `s3` can contain any printable ASCII characters.
- You may not use lists or recursion in your solution.
- You may not hardcode the test cases in your solution.
- Do not modify the provided skeleton code or the `eval.py`, input, and output files.

Input Format

- `s1`: A string where replacements will be made.
- `s2`: The substring that will be replaced.
- `s3`: The substring that will replace `s2`.

Output Format

- A string where all occurrences of `s2` in `s1` are replaced with `s3`.

Sample Input

```
"the quick brown fox jumps over the lazy dog"
"the"
"a"
```

Sample Output

```
"a quick brown fox jumps over a lazy dog"
```

Explanation

In the sample input:

- The original string `s1` is `"the quick brown fox jumps over the lazy dog"`.
- The substring `s2` is `"the"`.

- The replacement substring `s3` is `"a"`.
- The function replaces every occurrence of `"the"` in `s1` with `"a"`, resulting in the output `"a quick brown fox jumps over a lazy dog"`.