```
let x := 17;
    y := 12;
in x * y + y + z
```

the correct answer is:

```
let x := 17;
    y := 12;
in x * y + y + z
```

1.
```
let*
    fib := map n to
        letrec fibhelp := map k, fn, fnm1 to
                if k = 0 then fn
                else fibhelp(k - 1, fn + fnm1, fn);
        in if n < 2 then 1 else fibhelp(n - 1, 1, 1);
    fib100 := fib(100);
in fib100 * fib100 + fib(z)
```

2.
```
let pair := map x, y to
        let x := x;
            y := y;
        in map msg to if msg = 0 then x else y;
in (pair(50, 100))(0)
```