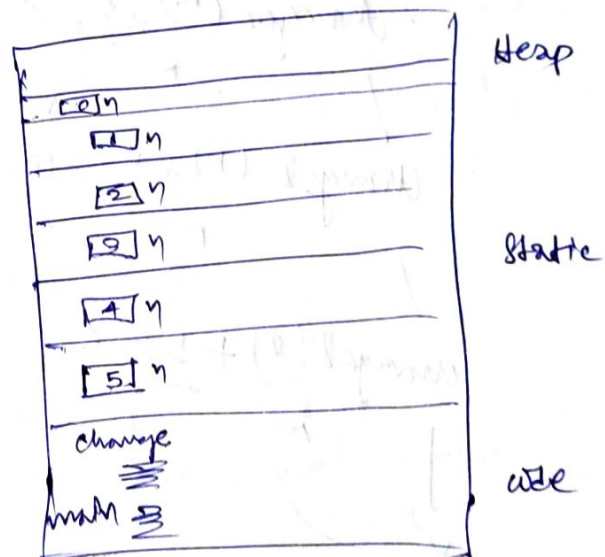
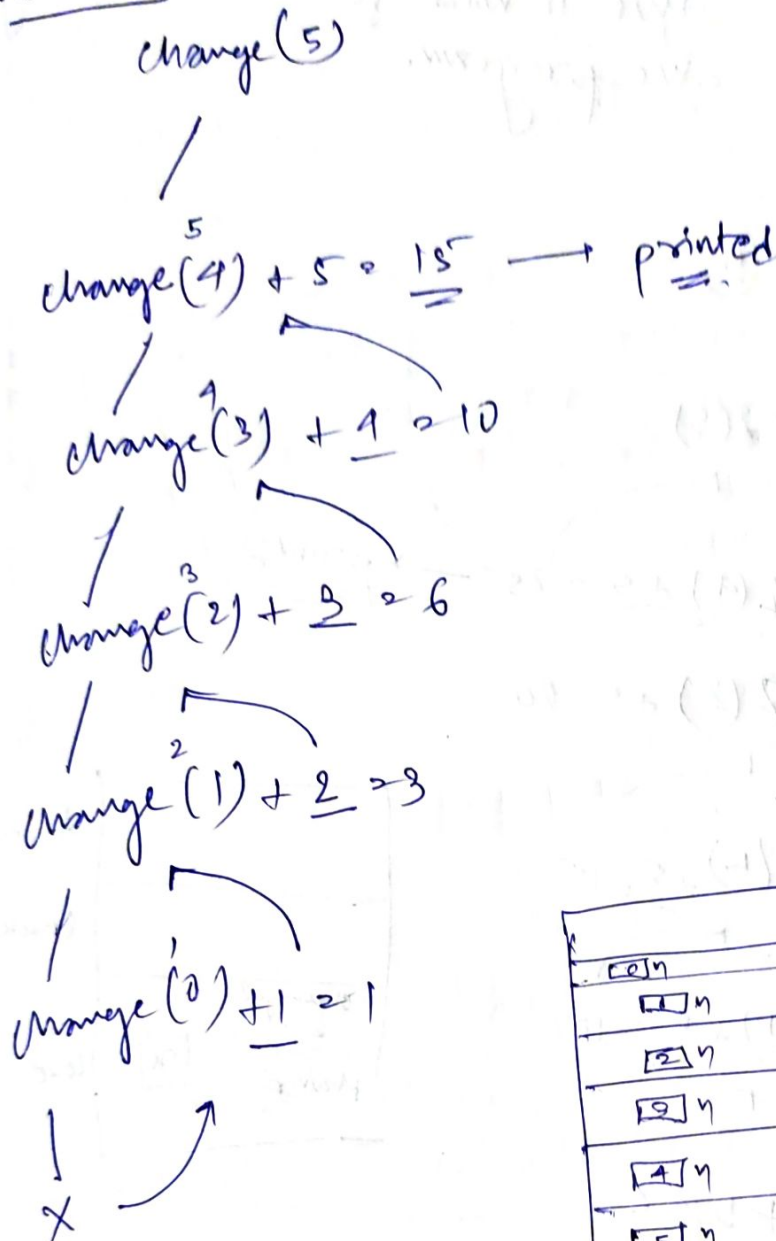


## Static and global variable

recursion trace:



Program:

```
int change (int n)
{
    if (n < 0) {
        return change (n-1) + n;
    }
}

int main () {
    int n = 5;
    cout << change (n);
    return 0;
}
```

Static variable - The space for the static variable is allocated only one time and this is used for the entirety of the program.

