```c
#include <stdio.h>

int printInputArgs(int argc, char * argv[]);

int main(int argc, char * const argv[]) {

    //program args
    printInputArgs(argc, argv);

    //Not allowed to overwrite * const
    //argv[0] = "printInputArgs";

    printInputArgs(argc, argv);

    return 0;
}


int printInputArgs(int argc, char * argv[])
{
    for(int i = 0; i < argc; i++) {
        printf("%d: %s\n", i, argv[i]);
    }

    //Allowed to overwrite * where const was intentionaly removed
    argv[0] = "printInputArgs";

    printf("\n");

    return argc;
}
```