```c
#include <stdio.h>
#include <stdlib.h>

int main() {

    int *nums;
    nums = (int*)malloc(10);
    if ( nums == NULL) {
        /// ...
        return 1;
    }

    int i;
    for (i = 0; i < 10; ++i)
        nums[i] = i+1;

    for (i = 0; i < 10; ++i)
        printf("%d is %d\n", i , nums[i]);

    free(nums);
    nums = NULL;

    return 0;
}
```