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

int main(void)
{
    // int var1;
    // int var2;

    // printf("Address of var1 variable: %p\n", &var1);
    // printf("Address of var2 variable: %p\n\n\n", &var2);

    // int var3[10];

    // printf("Address of var3 Start: %p\n", &var3);
    // printf("Address of var3 3rd Element: %p\n", &var3[2]);

    int* pc, c;
    // c = 5;
    // pc = &c;
    // printf("%d\n", *pc);    // Output: 5

    c = 1;
    printf("%d\n", c);      // Output: 1
    printf("%d\n", *pc);    // Ouptut: 1

    c = 5;
    pc = &c;
    *pc = 1;
    printf("%d\n", *pc);    // Ouptut: 1
    printf("%d\n", c);      // Output: 1

}
```