

```
#include <stdio.h>
int main() {

    int a=5;
    int *ptr1;

    ptr1 = &a;
    printf("The Value of a: %d\n", a);
    printf("The Address of a: %p\n", &a);

    // accessing value and address of ptr1 using dereference operator *
    printf("The Value of ptr1: %d\n", *ptr1);
    printf("The Address of ptr1: %p", ptr1);
    return 0;
}
```