```c
// Pointer concept printing the address and the match of the values using derefrencing opreators

#include <stdio.h>
int main(){
    int n, *ptr;    // *ptr is a defrencing opreator
    printf("Enter any number ");
    scanf("%d\n", &n);
    ptr = &n;    // this line shows that ptr is storing the address of the value n not the actual value

    printf("The value user gave is %d\n", n);
    printf("The address of the value user gave is %u\n", &n);
    printf("The value of ptr is same as address of n which is %u\n", ptr);
    printf("The address of ptr is %u\n", &ptr);
    printf("The value will be same for *ptr and n that is %d\n", *ptr);
    return 0;

}
```