

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int age = 30;
6     int *pAge = &age;
7     printf("%d\n", *pAge); //value (dereferencing)
8     printf("%d\n", pAge); //address
9     printf("%d\n", age); //value (dereferencing)
10    printf("%d\n", &age); //address
11    printf("%p\n", pAge); //address in Hex
12    printf("%p\n", *pAge); //value in Hex
13    printf("%p\n", age); //value in Hex
14    printf("%p\n", &age); //address in Hex
15    printf("%p\n", *&&age); //value in Hex
16    printf("%p\n", &* &age); //address in Hex
17    printf("%p\n", *&age); //value in Hex
18    //printf("%p\n", *age); //error: invalid type argument
    //of unary '*' (have 'int')
19
20    return 0;
21 }
22
```