## 1)Thread add

```
<pthread.h:
<stdlib.h>
                                                                                                                            \oplus
                                                                                                                                                                                                      kali@kali: ~
                                                                                                                                                                                                                                                              Q = 008
  6 struct add {
7    int a;
8    int b;
9 };
10
                                                                                                                               15 |
                                                                                                                                            struct variableToAdd* p=&c;
                                                                                                                                                                  or: invalid use of undefined type 'struct variableToAdd'
                                                                                                                          thread.c:17:21:
                                                                                                                                            printf("a+b=%d",p->a+p->b);
9 };
10
11 void *printWelcomeMessage(void * var) {
12
13     sleep(1);
14     struct add *obj = var;
15     int sum = obj→a + obj→b;
16     printf(*\n[THRAD] Hello, Sum is *d.*
17     pthread_exit(NULL);
18
19 }
20
21 int main () {
22
23     // thread defintion
24     pthread_t threads;
25
26     struct add var;
27     var.a = 5;
28     var.b = 5;
29     int result;
31
32
33     printf(*\n[MAIN] Creating thread*);
34     // Creating the threading and thus
35     result = pthread_create(5threads, Machine Machine);
36
37
38     // Exit the thread
39     pthread_exit(NULL);
                                                                                                                         thread.c:17:26: @prop: invalid use of undefined type 'struct variableToAdd'
17 | printf("a+b=%d",p->a+p=>b);
                                                                                                                           thread.c: In function 'main':
               int sum = obj→a + obj→b;
printf("\n[THREAD] Hello, Sum is %d.", sum);
pthread_exit(NULL);
                                                                                                                          ea.
41 |
|
                                                                                                                          (kali@ kali)-[~]
$ gcc threadadd.c
                                                                                                                          __(kali⊛kali)-[~]
_$ ./a.out
                                                                                                                         [MAIN] Creating thread [THREAD] Hello, Sum is 10.
                   printf("\n[MAIN] Creating thread");
// Creating the threading and thus calling the function with parameter passed to it
result = pthread_create(&threads, NULL, printWelcomeMessage, &var);
             // Exit the thread
pthread_exit(NULL);
```

## 2)Thread

```
1 # Binclude cotdib.ho
3 # Binclude cotdib.ho
4 # Binclude cotdib.ho
5 # Binclude cotdib.ho
6 # Binclude cotdib.ho
6 # Binclude cotdib.ho
7 # Binclude cotdib.ho
8 # Binclude cotdib.ho
9 # Binclude cotdib.ho
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7 # Binclude cotdib.ho
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7 # Binclude cotdib.ho
8 # Binclude cotdib.h
```