

2. Simple Args

[threads-api/thread_create_simple_args.c](#)

```
1  #include <stdio.h>
2  #include <pthread.h>
3  #include "common\_threads.h"
4
5  void *mythread(void *arg) {
6      long long int value = (long long int) arg;
7      printf("%lld\n", value);
8      return (void *) (value + 1);
9  }
10
11 int main(int argc, char *argv[]) {
12     pthread_t p;
13     long long int rvalue;
14     Pthread_create(&p, NULL, mythread, (void *) 100);
15     Pthread_join(p, (void **) &rvalue);
16     printf("returned %lld\n", rvalue);
17     return 0;
18 }
```

```
$ gcc -Wall -I../include -o thread_create_simple_args \
    thread_create_simple_args.c -pthread
$ ./thread_create_simple_args
100
returned 101
$
```