

```
ipc.cpp x multithreading.cpp x
1  #include <stdio.h>
2  #include <string.h>
3  #include <pthread.h>
4  int i = 2;
5
6  void* foo(void* p){
7      printf("Value received as argument in starting routine: ");
8      printf("%i\n", * (int*)p);
9      pthread_exit(&i);
10 }
11
12 int main(void){
13     pthread_t id;
14     int j = 1;
15     pthread_create(&id, NULL, foo, &j);
16     int* ptr;
17     pthread_join(id, (void**)&ptr);
18     printf("Value received by parent from child: ");
19     printf("%i\n", *ptr);
20 }
```

```
C:\Users\DELL\OneDrive\Documents\multithreading.exe
Value received as argument in starting routine: 1
Value received by parent from child: 2

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Process exited after 0.06445 seconds with return value 0
Press any key to continue . . .
```