

Main:

```
while (1) {
```

```
    if (threads->flag = 666)
```

```
        break; => (quicksort has ended and the array is sorted) => deallocate memory =>
```

```
        return;
```

```
    yield;
```

```
}
```

Worker\_thread :

```
While (1) {
```

```
    if((worker_thread1-> flag = 666) && (worker_thread2->flag = 666)) { (waiting for thread  
    children to end)
```

```
        thread_info -> flag = 666;
```

```
        break;
```

```
}
```

```
Yield;
```

```
}
```