



























































```
#include <pthread.h>
#include <stdio.h>
#define NUM THREADS 5
int main(int argc, char *argv[])
{
    int i;
    phread att i di[NUM THREADS];
    phread att i tid[NUM THREADS];
    /* set the scheduling algorithm to PROCESS or SYSTEM */
    phread att setscope(&attr, PTHREAD SCOPE SYSTEM);
    /* set the scheduling policy -FIFO, RT, or OTHER */
    phread attr setschedpolicy(&attr, SCHED OTHER);
    /* create the threads */
    for (i = 0; i = NUM THREADS; i++)
        pthread create(&tid[],&attr,runner.NULL];

**Operating System Concepts - 6* Edition**

**Silberschutz, Galvin and Gague S2009.**
```

```
Pthread Scheduling API

/* now join on each thread */
for (i = 0; i < NUM THREADS; i++)
    pthread join(tid[i], NULL);
}

/* Each thread will begin control in this function */
void *runner(void *param)
{
    printf("I am a thread\n");
    pthread exit(0);
}

Operating System Concepts - 8" Edition 5.32
```





































