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#include <pthread.h>

void first_function( int * );
void second_function( int * );
void final_function( int, int );

int i=0, j=0;

int main()
{
    pthread_t thread1, thread2;
    pthread_create(&thread1, NULL, (void *) first_function, (void *
)&i);
    pthread_create(&thread2, NULL, (void *) second_function, (void
*)&j);

    pthread_join(thread1, NULL);
    pthread_join(thread2, NULL);

    final_function(i,j);

    return 0;
}

void first_function( int *num )
{
    int x,y,z;
    z=0;
    for( x=0; x<10 ; x++ )
    {
        printf( "Inside the first_function\n" );
        for( y=0; y<100000; y++ )
            z=z+1;
        (*num)++;
    }
}

void second_function( int *num )
{
    int x,y,z;
    z=0;
    for( x=0; x<10 ; x++ )
    {
        printf( "Inside the second_function\n" );
        for( y=0; y<100000; y++ )
            z=z+1;
        (*num)++;
    }
}

```

```
}  
  
void final_function(int first, int second)  
{  
    int final_score;  
    final_score = first + second;  
    printf("In final: first = %d, second = %d and final score = %d\n",  
          first, second, final_score);  
}
```