

CSE530 Lab4

Function	Syntax	Arguments	Return values
pthread_create	Int pthread_create(pthread_t *thread, const pthread_attr_t *attr, void *(*start_routine)(void*), void *arg)	Thread: new thread id attr: a structure that holds thread attributes, if null default attributes are used start_routine: the routine that the thread will execute arg: the argument passed to the routine	0 on success, error number on failure
pthread_join	Int pthread_join(pthread_t thread, void **retval)	Thread: id of thread to wait and get value from retval: address to save thread's return value	0 on success, error number on failure

3. You have to include the '-pthread' flag to compile code with pthread

4. While thread1.cpp simply starts a new thread, thread2.cpp starts and joins the thread and outputs its return value.