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Assignment Project Exam Help

https://eduassistpro.github.

Add WeChat edu_assist_pr

POSIX (Portable Operating System Interface) Threads

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Implementation depends on the system

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 - Since Kernel version 2.6, implemented in Linux as the Native POSIX Thread Library \Rightarrow 1-1 rel

Add Wethat edu_assist_pr

Provides APIs for creating and managing threads

Creation

#include <pthread.h>

```
Assignment **Lange Constructore Assignment **Lange Constructor
```

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- Attributes Generally set to NULL for d Add WeChat edu_assist_preserved by the newly created thread
- Argument → Argument to the Function

Create and pass parameters (Example from CW)

Pass address of producerid so that we get id of thread created back

```
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```

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```
void *producer (void *paramete
Add We Chat edu assist_product
cout << "Parameter = " << *param << endl;
pthread_exit(0);
}</pre>
```

Create and pass parameters

How do we create multiple threads?

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Can use global variables

Hint: Aidduct We Chat tedu_assist_protection of the structure as a parameter is a more elegant soluti

```
Exit
```

Exit from Thread

```
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void Sthread_exit (void *retval)

pthr

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Wait f
```

```
#include Add WeChat edu_assist_print pthread_join (pthread_t thread, void **r pthread_join (producerid, NULL);
```

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