

Creating Threads - Method-2: Creating Sub-class to Thread

Steps:

1. Step-1: Create a New Class by Inheriting the Thread Class

Example:

```
class MyThread(Thread):
```

Here, MyThread is a new class being created, and it inherits from the built-in Thread class.

MyThread is the custom subclass, while Thread is the base class.

2. Step-2: Create an Object of the MyThread Class

An object of the MyThread class is created using:

```
t1 = MyThread()
```

3. Step-3: Wait Till the Thread Completes

The join() method is used to ensure the main thread waits for the completion of the custom thread:

```
t1.join()
```

Purpose:

This approach allows you to encapsulate thread functionality within a class, making it easier to manage complex thread behavior by overriding the run() method in the custom subclass (MyThread).