

ISTA-320, Cohort 3

C# Step by Step, Chapter 23

October 16, 2017

1. List two reasons for multitasking, and explain the rationale for them.
2. Explain Moore's law. What does Moore's law have to do with multitasking?
3. In UWP, what namespace is used as the container for the multitasking methods?
4. What is the difference between tasks and threads? Explain.
5. What is the *ThreadPool*?
6. What parameters does the *Task()* constructor take?
7. How do you start a thread?
8. What is the difference between the *Start()* and *Run()* methods?
9. What is the difference between creating independent tasks with *Tasks* and parallelization with *Parallel*? Explain.
10. Explain how manual cancellation works using a cancellation token.