

16.317: Microprocessor Systems Design I

Spring 2014

Lecture 16: Key Questions March 5, 2014

1. Describe the issues involved in accessing data in assembly, including the two general factors the compiler must account for.
2. How does a program handle statically allocated data (data allocated at compile time)?

3. How does a program handle data that are dynamically allocated when a function is called?

4. Describe the structure of a typical x86 stack frame.