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Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Introductory Programming – Common Topics -- Chapter 3. Digital Humanities – Special Considerations for the Programmer -- Chapter 4. Introduction to the Digital Humanities Assignments -- Chapter 5. Change Over Time: Burials in an Historic Cemetery -- Chapter 6. Visualizing Change Over Time: Simple Visualization of the Burials in an Historic Cemetery -- Chapter 7. Textual Analysis: Frequencies and Stop Words in Dirty Text -- Chapter 8. Code Transformation: From XML to Stylized HTML -- Chapter 9. Art Stylometry: Recognizing Regional Differences in Great Works of Art -- Chapter 10. Social Network Analysis: Historic Circles of Friends and Acquaintances -- Chapter 11. Conclusion.
Sommario/riassunto	As an introduction to programming for the Digital Humanities (DH), this book presents six key assignments oriented on DH topics. The topics include Computing Change Over Time (calculating burials at a historic cemetery), Visualizing Change Over Time (visualizing the burials at the

historic cemetery), Textual Analysis (finding word frequencies and “stop words” in public domain texts), XML Transformation (transforming a simplified version of XML into HTML styled with CSS), Stylometry (comparing the measured features of graphic images), and Social Network Analysis (analyzing extended relationships in historic circles). The book focuses on the practical application of these assignments in the classroom, providing a range of variations for each assignment, which can be selected on the basis of students’ specific programming background and skills; “atomic” assignments, which can be used to give students the experience they need to successfully complete the main assignments; and some common pitfalls and gotchas to manage in the classroom. The book’s chief goals are to introduce novice computer science (CS) students to programming for DH, and to offer them valuable hands-on experience with core programming concepts.
