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| Objectives: As a programmer, you will be expected to understand good coding practice and logical structures. For this project ***you must show mastery of***:   * Proper code layout * Variable declaration and initialization * Proper library importing * Constant declaration and initialization * Collections (arrays) * Method overloading * Anonymous object * Modularization * Dispatching * Program sequence, selection, & looping * Cohesion * UML * JavaDoc * Input validation/sanitization * Good programming practices | Lab 5  All of the chapter exercises plus:  **Web Site Sales by Lame-O**  You are a programmer for Lame-O web design company. Currently your company offers five different 'cookie-cutter' designs that customers can select from. Your job is to create a sales application for your company’s web site so that customers can purchase their own designs. Once they have selected a design, they can choose from five unique features in each design. Each feature adds to the cost of their site. See the table below for the designs and added costs:   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Design | Base Price | Feature 1 | Feature 2 | Feature 3 | Feature 4 | Feature 5 | | Nature | 300 | 10 | 15 | 20 | 25 | 30 | | Tech | 350 | 20 | 30 | 40 | 50 | 60 | | Business | 375 | 30 | 40 | 50 | 60 | 70 | | Music | 400 | 85 | 95 | 110 | 130 | 210 | | Naughty | 500 | 100 | 200 | 300 | 400 | 500 |  * Write a program that automatically creates a unique 5-digit customer number. * Store customer data: Last & first name, company name, address, city, state, zip, phone. * Allow customer to choose design type and have features with prices displayed. * Allow customer to select design and features. * Geneterate a bill of sale for customer. * Store customer data & order information.   http://www.softdistrict.com/wp-content/uploads/2010/01/web-design-software.jpg |