

Tutorial I/O ,Strings, conditionals

1. Write the code that checks if the string read from the keyboard actually holds your correct surname, if it does print “Surname entered correctly” to the monitor, if it does not print an error message.
2. Write a Python script that determines what grade a student got and then displays it on screen. The mark is read from the user and the grades are as follows:

| Mark | Grade |
|-------|-------|
| <35 | F |
| 35-39 | D |
| 40-49 | C |
| 50-54 | C+ |
| 55-59 | B- |
| 60-69 | B |
| 70-79 | B+ |
| >=80 | A |

3. Write the java code that will read an event type code, 1 for private and 2 for corporate events and will assign C. Larman as manager for private events and Ken Bass as manager for corporate events to an event_manager String. If an invalid number for event_type is entered, assign “Unknown –invalid event type “ as the event_manager. Output the type of event and the manager
4. Write an application for a furniture company, the program determines and stores the price of a table. Ask the user to choose 1 for Oak, 2 for Pine and 3 for Mahogany. The output is the name of the wood chosen and the price of the table. Oak tables cost €225, pine tables cost €100, and mahogany tables cost €310. If the user enters an invalid table code set the price to 0.
Then ask the user to enter the quantity of the chosen table required and calculate the total cost. If the price has been set to 0, you should not ask for the quantity required and a total cost should not be calculated and an error message to that effect should be printed.
5. Write the if statements for booking concert tickets. The user enters 1 for the Orchestra section at a price of €40.00, 2 for the Mezzanine at a cost of €30.00 and 3 for the Balcony at a cost of €15.00. The choice is read into a seatLocation variable, only 1,2,3 are valid codes. Assig