Department of Information Systems and Technologies CTIS151 – Introduction to Programming SPRING 2023 – 2024

Extra Question # 02

Home has special discounts for glassware and furniture products. The discount rates are given below:

Glassware %15,

%10 extra discount, if the price is 100 TL and over

Furniture %30

%15 extra discount, if the furniture's type is leather

Write a C program that will read the price and type of a product (if the product is furniture ask if it is leather), calculates and displays the discounted price. Please examine the example runs. Use switch statement where necessary.

Project Name: EQ2 File Name: EQ2.cpp

Example Run #1:

Enter price: 120 Enter product type (G/g or F/f): g

Discounted price is: 90.00 TL

Example Run #2:

Enter price: 1000

Enter product type (G/g or F/f): f

Leather (y/n): n

Discounted price is: 700.00 TL

Example Run #3:

Enter price: 2000

Enter product type (G/g or F/f): F

Leather (y/n): y

Discounted price is: 1100.00 TL