

CSE3003 OBJECT ORIENTED PROGRAMMING

(Fall 2022- 2023)

Group A

Lab Assignment 3:User Defined Data Types, Namespace in C++

Q1. Imagine you are a seller and sell your products online. As a seller, you need a program to save the information of the products you sell. For this question, you must write a program so that employees can enter product information. You should be able to enter information for two different products. Also you need to be able to display all features of shirts or bags by using the function prototype. Required features are given below. You must perform operations without changing the function prototype.

HINT: The function does not have any parameters. Review namespace usage.

void displayFeatures();

Shirt:

Size: (S, M, L)

Color: (red,white,black)

Stock:

Bag:

Model: (Backpack,Wallet,Handbag)

Color: (red,white,black,green)

Fabric: (cotton, canvas, jute)

Stock:

```
*****Shirts*****
Enter size of shirt (S,M,L) :
```

```
*****Shirts*****
Enter size of shirt (S,M,L) :S
Enter color of shirt (red =1 ,black=2,white=3) :3
Enter stock of shirt :56
*****Bags*****
Enter model of bag (Backpack,Wallet,Handbag):Backbag
Enter color of bag (red =1 ,black=2,white=3,green=4) :2
Enter fabric of bag (cotton, canvas, jute): cotton
Enter stock of bag :58
```

```
*****
Size of shirt: S
Color of shirt: 3
Stock: 56
*****
```

```
*****
Model of bag: Backbag
Color of bag: 2
Fabric of bag : cotton
Stock: 58
*****
```

Important Note: Do not share your solution with others! Do not collaborate with each other! You have to do your assignment by yourself. Otherwise, your submission will not be evaluated and both you and the person that you get the file from will get zero points from the assignment.