

We want to develop a project to help a furniture e-commerce company to store different types of information about their products. The project is ongoing. You will find the beginning of the project in furnitures.cpp file. You need to complete the following tasks

TASK 1:

Define classes Bed, Sofa, DiningTable which will inherit Furniture class. Bed has BedSize{Single, SemiDouble, Double}, Sofa is categorized on SeatNumer{One, Two, Three, Four, Five}, Almirah is categorized on DoorCount {Two, Three, Four,}. Implement appropriate constructors to store the information.

TASK 2:

Implement productDetails function which displays the information about the product. A sample output of product Bed is shown below:

```
-----  
Regular Price: 10000  
Discounted Price: 9877  
Material: Wood  
Bed Size: Single  
#####
```

TASK 3:

Manager wants to set a discount as a percentage of the regular price for Sofa and DiningTable. This type of wish may come to other products also. To help him create a new function and place it appropriately. The display function productDetails will not be changed.

TASK 4:

Add one more derived class from furniture base class. Find out some unique features.