**Write a console-based menu driven java program for a fashion e-commerce company where SITE ADMIN can perform following tasks:**

**1. Add new Cloth**

**2. Update stock of a Cloth**

**3. Set discount (in %) for all the clothes of given Category and Brand**

**4. Remove Clothes which are out of stock for last 3 months**

**5. List out Clothes which are out of stock today**

You can define a class Cloth with following fields –

1. ID (unique identifier for each cloth, should be generated automatically)
2. Category (Should be Enum, Example: MENS\_TSHIRT, MENS\_SHIRTS, WOMENS\_JEANS etc.)
3. Stock (Available quantity)
4. Stock Update Date (it changed every time when admin update stock or user order executed)
5. Size (Should be Enum, Example: S, M, L, XL etc.)
6. Price (in INR)
7. Brand (Example: Van Heusen, Puma, Lee etc.)
8. Color
9. Discounts (in percentage)

**Marks Distribution:**

* Basic structure of program including class Cloth, Enums, collections [**10 Marks]**
* Implementation of functionality 1 [**5 Marks**]
* Implementation of functionality 2 [**5 Marks**]
* Implementation of functionality 3 [**5 Marks**]
* Implementation of functionality 4 [**5 Marks**]
* Implementation of functionality 5 [**5 Marks**]
* Java naming convention, exception handling [**5 Marks**]