**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. List Clothes for given Category**

**4. List Clothes having discounts more than 40%**

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

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. Size (Should be Enum, Example: S, M, L, XL etc.)
5. Price (in INR)
6. Brand (Example: Van Heusen, Puma, Lee etc.)
7. Color
8. 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**]