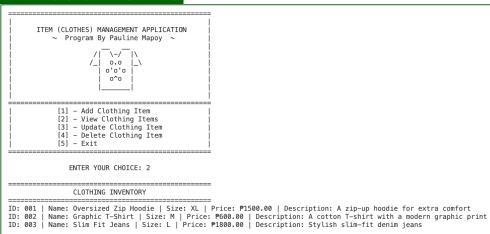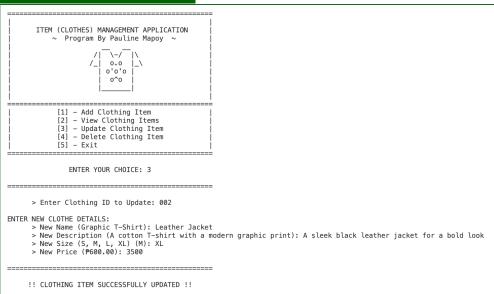Create an item management application (CRUD application). The Item must consist of the following id, name, description and price. Provide a class that defines the item. Apply the necessary exception handling and validation to this program.
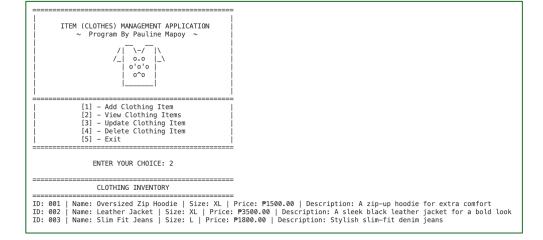
ADDING A CLOTHING ITEM:

```
==============================================
|                                            |
|     ITEM (CLOTHES) MANAGEMENT APPLICATION  |
|        ~  Program By Pauline Mapoy  ~      |
|              __  __                         |
|             /|  \-/  |\                     |
|            /_|  o.o  |_\                     |
|              |  o'o'o  |                     |
|              |   o^o   |                     |
|              |_____|                      |
|                                            |
==============================================
|        [1] - Add Clothing Item             |
|        [2] - View Clothing Items           |
|        [3] - Update Clothing Item          |
|        [4] - Delete Clothing Item          |
|        [5] - Exit                          |
==============================================

            ENTER YOUR CHOICE: 1

==============================================

DETAILS OF THE CLOTHE:
        > Enter Clothing ID: 001
        > Enter Clothing Name: Oversized Zip Hoodie
        > Enter Clothing Description: A zip-up hoodie for extra comfort
        > Enter Size (S, M, L, XL): XL
        > Enter Price: 1500


==============================================

      !! CLOTHING ITEM SUCCESSFULLY ADDED !!
```

```
==============================================
|                                            |
|     ITEM (CLOTHES) MANAGEMENT APPLICATION  |
|        ~  Program By Pauline Mapoy  ~      |
|              __  __                         |
|             /|  \-/  |\                     |
|            /_|  o.o  |_\                     |
|              |  o'o'o  |                     |
|              |   o^o   |                     |
|              |_____|                      |
|                                            |
==============================================
|        [1] - Add Clothing Item             |
|        [2] - View Clothing Items           |
|        [3] - Update Clothing Item          |
|        [4] - Delete Clothing Item          |
|        [5] - Exit                          |
==============================================

            ENTER YOUR CHOICE: 1

==============================================

DETAILS OF THE CLOTHE:
        > Enter Clothing ID: 002
        > Enter Clothing Name: Graphic T-Shirt
        > Enter Clothing Description: A cotton T-shirt with a modern graphic print
        > Enter Size (S, M, L, XL): M
        > Enter Price: 600


==============================================

      !! CLOTHING ITEM SUCCESSFULLY ADDED !!
```

```
==============================================
|                                            |
|     ITEM (CLOTHES) MANAGEMENT APPLICATION  |
|        ~  Program By Pauline Mapoy  ~      |
|              __  __                         |
|             /|  \-/  |\                     |
|            /_|  o.o  |_\                     |
|              |  o'o'o  |                     |
|              |   o^o   |                     |
|              |_____|                      |
|                                            |
==============================================
|        [1] - Add Clothing Item             |
|        [2] - View Clothing Items           |
|        [3] - Update Clothing Item          |
|        [4] - Delete Clothing Item          |
|        [5] - Exit                          |
==============================================

            ENTER YOUR CHOICE: 1

==============================================

DETAILS OF THE CLOTHE:
        > Enter Clothing ID: 003
        > Enter Clothing Name: Slim Fit Jeans
        > Enter Clothing Description: Stylish slim-fit denim jeans
        > Enter Size (S, M, L, XL): L
        > Enter Price: 1800


==============================================

      !! CLOTHING ITEM SUCCESSFULLY ADDED !!
```

VIEWING CLOTHING ITEMS:

```
=================================================
|                                               |
|     ITEM (CLOTHES) MANAGEMENT APPLICATION      |
|        ~  Program By Pauline Mapoy  ~          |
|               __  __                           |
|             /|  \-/  |\                         |
|            /_|  o.o  |_\                        |
|              | o'o'o |                          |
|              |  o^o  |                          |
|              |_____|                          |
|                                               |
=================================================
|         [1] - Add Clothing Item               |
|         [2] - View Clothing Items             |
|         [3] - Update Clothing Item            |
|         [4] - Delete Clothing Item            |
|         [5] - Exit                            |
=================================================

          ENTER YOUR CHOICE: 2

=================================================
           CLOTHING INVENTORY
=================================================
ID: 001 | Name: Oversized Zip Hoodie | Size: XL | Price: ₱1500.00 | Description: A zip-up hoodie for extra comfort
ID: 002 | Name: Graphic T-Shirt | Size: M | Price: ₱600.00 | Description: A cotton T-shirt with a modern graphic print
ID: 003 | Name: Slim Fit Jeans | Size: L | Price: ₱1800.00 | Description: Stylish slim-fit denim jeans
```

UPDATING A CLOTHING ITEM:

```
=================================================
|                                               |
|     ITEM (CLOTHES) MANAGEMENT APPLICATION      |
|        ~  Program By Pauline Mapoy  ~          |
|               __  __                           |
|             /|  \-/  |\                         |
|            /_|  o.o  |_\                        |
|              | o'o'o |                          |
|              |  o^o  |                          |
|              |_____|                          |
|                                               |
=================================================
|         [1] - Add Clothing Item               |
|         [2] - View Clothing Items             |
|         [3] - Update Clothing Item            |
|         [4] - Delete Clothing Item            |
|         [5] - Exit                            |
=================================================

          ENTER YOUR CHOICE: 3

=================================================

     > Enter Clothing ID to Update: 002

ENTER NEW CLOTHE DETAILS:
     > New Name (Graphic T-Shirt): Leather Jacket
     > New Description (A cotton T-shirt with a modern graphic print): A sleek black leather jacket for a bold look
     > New Size (S, M, L, XL) (M): XL
     > New Price (₱600.00): 3500

=================================================

     !! CLOTHING ITEM SUCCESSFULLY UPDATED !!
```

```
=================================================
|                                               |
|     ITEM (CLOTHES) MANAGEMENT APPLICATION      |
|        ~  Program By Pauline Mapoy  ~          |
|               __  __                           |
|             /|  \-/  |\                         |
|            /_|  o.o  |_\                        |
|              | o'o'o |                          |
|              |  o^o  |                          |
|              |_____|                          |
|                                               |
=================================================
|         [1] - Add Clothing Item               |
|         [2] - View Clothing Items             |
|         [3] - Update Clothing Item            |
|         [4] - Delete Clothing Item            |
|         [5] - Exit                            |
=================================================

          ENTER YOUR CHOICE: 2

=================================================
           CLOTHING INVENTORY
=================================================
ID: 001 | Name: Oversized Zip Hoodie | Size: XL | Price: ₱1500.00 | Description: A zip-up hoodie for extra comfort
ID: 002 | Name: Leather Jacket | Size: XL | Price: ₱3500.00 | Description: A sleek black leather jacket for a bold look
ID: 003 | Name: Slim Fit Jeans | Size: L | Price: ₱1800.00 | Description: Stylish slim-fit denim jeans
```

DELETING A CLOTHING ITEM:

```
==================================================
|                                                |
|    ITEM (CLOTHES) MANAGEMENT APPLICATION        |
|        ~  Program By Pauline Mapoy  ~          |
|              __  __                             |
|            /|  \-/  |\                          |
|           /_|  o.o  |_\                         |
|              | o'o'o |                          |
|              |  o^o  |                          |
|              |_____|                          |
|                                                |
==================================================
|       [1] — Add Clothing Item                  |
|       [2] — View Clothing Items                |
|       [3] — Update Clothing Item               |
|       [4] — Delete Clothing Item               |
|       [5] — Exit                               |
==================================================

          ENTER YOUR CHOICE: 4

==================================================

      Enter Clothing ID to Delete: 003

==================================================

     !! CLOTHING ITEM SUCCESSFULLY DELETED !!

==================================================
|                                                |
|    ITEM (CLOTHES) MANAGEMENT APPLICATION        |
|        ~  Program By Pauline Mapoy  ~          |
|              __  __                             |
|            /|  \-/  |\                          |
|           /_|  o.o  |_\                         |
|              | o'o'o |                          |
|              |  o^o  |                          |
|              |_____|                          |
|                                                |
==================================================
|       [1] — Add Clothing Item                  |
|       [2] — View Clothing Items                |
|       [3] — Update Clothing Item               |
|       [4] — Delete Clothing Item               |
|       [5] — Exit                               |
==================================================

          ENTER YOUR CHOICE: 2

==================================================
              CLOTHING INVENTORY
==================================================
ID: 001 | Name: Oversized Zip Hoodie | Size: XL | Price: ₱1500.00 | Description: A zip-up hoodie for extra comfort
ID: 002 | Name: Leather Jacket | Size: XL | Price: ₱3500.00 | Description: A sleek black leather jacket for a bold look
```

(INVALID #1) ENTERING A NEGATIVE PRICE:

```
==================================================
|                                                |
|     ITEM (CLOTHES) MANAGEMENT APPLICATION       |
|        ~  Program By Pauline Mapoy  ~          |
|                                                |
|              __  __                             |
|            /|  \-/  |\                          |
|           /_|  o.o  |_\                         |
|              | o'o'o |                          |
|              |  o^o  |                          |
|              |_____|                          |
|                                                |
==================================================
|       [1] — Add Clothing Item                  |
|       [2] — View Clothing Items                |
|       [3] — Update Clothing Item               |
|       [4] — Delete Clothing Item               |
|       [5] — Exit                               |
==================================================

          ENTER YOUR CHOICE: 1

==================================================

DETAILS OF THE CLOTHE:
      > Enter Clothing ID: 003
      > Enter Clothing Name: Floral Summer Dress
      > Enter Clothing Description: A lightweight floral dress perfect for summer
      > Enter Size (S, M, L, XL): S
      > Enter Price: -1400

==================================================
      !! ERROR !! PRICE CANNOT BE NEGATIVE
==================================================
```

(INVALID #2) ENTERING AN INVALID SIZE:

```
======================================================
|                                                    |
|        ITEM (CLOTHES) MANAGEMENT APPLICATION       |
|          ~  Program By Pauline Mapoy  ~            |
|                   __   __                           |
|               /|  \-/  |\                          |
|               /_|  o.o  |_\                         |
|                 | o'o'o |                          |
|                 |  o^o  |                           |
|                 |_____|                          |
|                                                    |
======================================================
|           [1] – Add Clothing Item                  |
|           [2] – View Clothing Items                |
|           [3] – Update Clothing Item               |
|           [4] – Delete Clothing Item               |
|           [5] – Exit                               |
======================================================

              ENTER YOUR CHOICE: 1

======================================================

DETAILS OF THE CLOTHE:
      > Enter Clothing ID: 003
      > Enter Clothing Name: Floral Summer Dress
      > Enter Clothing Description: A lightweight floral dress perfect for summer
      > Enter Size (S, M, L, XL): XXL

======================================================
      !! ERROR !! ONLY CHOOSE FROM S, M, L, OR XL
======================================================
```

(INVALID #3) ENTERING AN EXISTING ID:

```
==========================================================
|                                                        |
|         ITEM (CLOTHES) MANAGEMENT APPLICATION          |
|            ~  Program By Pauline Mapoy  ~              |
|                     __   __                            |
|                 /|  \-/  |\                            |
|                 /_|  o.o  |_\                           |
|                   | o'o'o |                            |
|                   |  o^o  |                             |
|                   |_____|                            |
|                                                        |
==========================================================
|            [1] – Add Clothing Item                     |
|            [2] – View Clothing Items                   |
|            [3] – Update Clothing Item                  |
|            [4] – Delete Clothing Item                  |
|            [5] – Exit                                  |
==========================================================

               ENTER YOUR CHOICE: 1

==========================================================

DETAILS OF THE CLOTHE:
      > Enter Clothing ID: 001

==========================================================
      !! ERROR !! CLOTHING ID ALREADY EXISTS
==========================================================
```
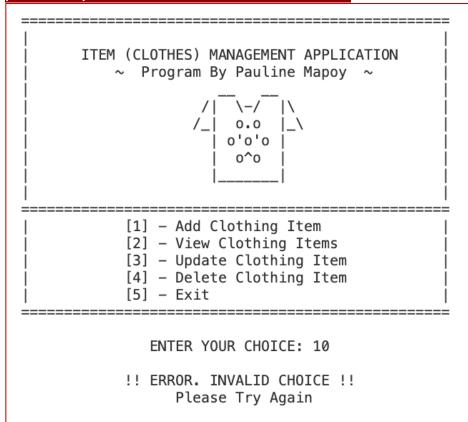
```
===================================================
|                                                 |
|      ITEM (CLOTHES) MANAGEMENT APPLICATION       |
|        ~  Program By Pauline Mapoy  ~            |
|                                                 |
|                __   __                          |
|             /|   \-/   |\                       |
|            /_|   o.o   |_\                       |
|              |  o'o'o  |                         |
|              |   o^o   |                         |
|              |_____|                           |
|                                                 |
===================================================
|         [1] - Add Clothing Item                 |
|         [2] - View Clothing Items               |
|         [3] - Update Clothing Item              |
|         [4] - Delete Clothing Item              |
|         [5] - Exit                              |
===================================================

           ENTER YOUR CHOICE: 3

===================================================

      > Enter Clothing ID to Update: 003

      !! ERROR !! 'CLOTHING ID NOT FOUND'

===================================================
|                                                 |
|      ITEM (CLOTHES) MANAGEMENT APPLICATION       |
|        ~  Program By Pauline Mapoy  ~            |
|                                                 |
|                __   __                          |
|             /|   \-/   |\                       |
|            /_|   o.o   |_\                       |
|              |  o'o'o  |                         |
|              |   o^o   |                         |
|              |_____|                           |
|                                                 |
===================================================
|         [1] - Add Clothing Item                 |
|         [2] - View Clothing Items               |
|         [3] - Update Clothing Item              |
|         [4] - Delete Clothing Item              |
|         [5] - Exit                              |
===================================================

           ENTER YOUR CHOICE: 4

===================================================

        Enter Clothing ID to Delete: 003

      !! ERROR !! 'CLOTHING ID NOT FOUND'
```

(INVALID #5) ENTERING A NON-NUMERIC PRICE:

```
==================================================
|                                                |
|      ITEM (CLOTHES) MANAGEMENT APPLICATION      |
|         ~  Program By Pauline Mapoy  ~          |
|                  __  __                         |
|              /|  \-/  |\                        |
|             /_|  o.o  |_\                        |
|               | o'o'o |                         |
|               |  o^o  |                         |
|               |_____|                         |
|                                                |
==================================================
|         [1] — Add Clothing Item                 |
|         [2] — View Clothing Items               |
|         [3] — Update Clothing Item              |
|         [4] — Delete Clothing Item              |
|         [5] — Exit                              |
==================================================

            ENTER YOUR CHOICE: 1

==================================================

DETAILS OF THE CLOTHE:
      > Enter Clothing ID: 003
      > Enter Clothing Name: Floral Summer Dress
      > Enter Clothing Description: A lightweight floral dress perfect for summer
      > Enter Size (S, M, L, XL): S
      > Enter Price: five thousand

==================================================
      !! ERROR !! could not convert string to float: 'five thousand'
==================================================
```

(INVALID #6) ENTERING AN INVALID MENU CHOICE:

```
======================================================
|                                                    |
|    ITEM (CLOTHES) MANAGEMENT APPLICATION            |
|        ~  Program By Pauline Mapoy  ~              |
|                                                    |
|                  __   __                           |
|              /|  \-/  |\                            |
|             /_|  o.o  |_\                           |
|               | o'o'o |                            |
|               |  o^o  |                            |
|               |_____|                            |
|                                                    |
======================================================
|        [1] — Add Clothing Item                     |
|        [2] — View Clothing Items                   |
|        [3] — Update Clothing Item                  |
|        [4] — Delete Clothing Item                  |
|        [5] — Exit                                  |
======================================================

           ENTER YOUR CHOICE: 10

           !! ERROR. INVALID CHOICE !!
                Please Try Again
```

```
=====================================================
|                                                   |
|       ITEM (CLOTHES) MANAGEMENT APPLICATION        |
|          ~  Program By Pauline Mapoy  ~           |
|                                                   |
|                  __  __                            |
|              /|   \-/   |\                         |
|             /_|   o.o   |_\                        |
|               |  o'o'o  |                          |
|               |   o^o   |                          |
|               |_____|                            |
|                                                   |
=====================================================
|          [1] – Add Clothing Item                  |
|          [2] – View Clothing Items                |
|          [3] – Update Clothing Item               |
|          [4] – Delete Clothing Item               |
|          [5] – Exit                               |
=====================================================

          ENTER YOUR CHOICE: 5

=====================================================
|        THANK YOU FOR USING THE PROGRAM            |
|              Come Back Again! :)                  |
=====================================================
```