# National University of Modern Languages



# Assignment#02

Roll # 2340

Class: BSCS 5B Morning

Subject: ADVANCE OOP

Submitted to: Mr. Imran Ahsan

Submitted by: Farhan Haider

**About:** By collections, also perform some operations on array list of books.

ADD:

## SEARCHING

BOOK ID     1        SEARCH

BOOK NAME     OOP

AUTHOR     IMRAN

PUBLISHER     ASHRAF

QUANTITY     100

PRICE     1000

NAME OF BOOK        Frequency

Copy    ADD    DISJOINT    SORT    MAX    MIN    SHUFFLE    CLEAR

FILL    **SEARCHING**

## DISJOINT



| | |
|---|---|
| BOOK ID | 1 | SEARCH |
| BOOK NAME | REVENGE | |
| AUTHOR | ahmed | |
| PUBLISHER | shehzad | |
| QUANTITY | 15 | |
| PRICE | 802 | |

NAME OF BOOK [          ]  Frequency
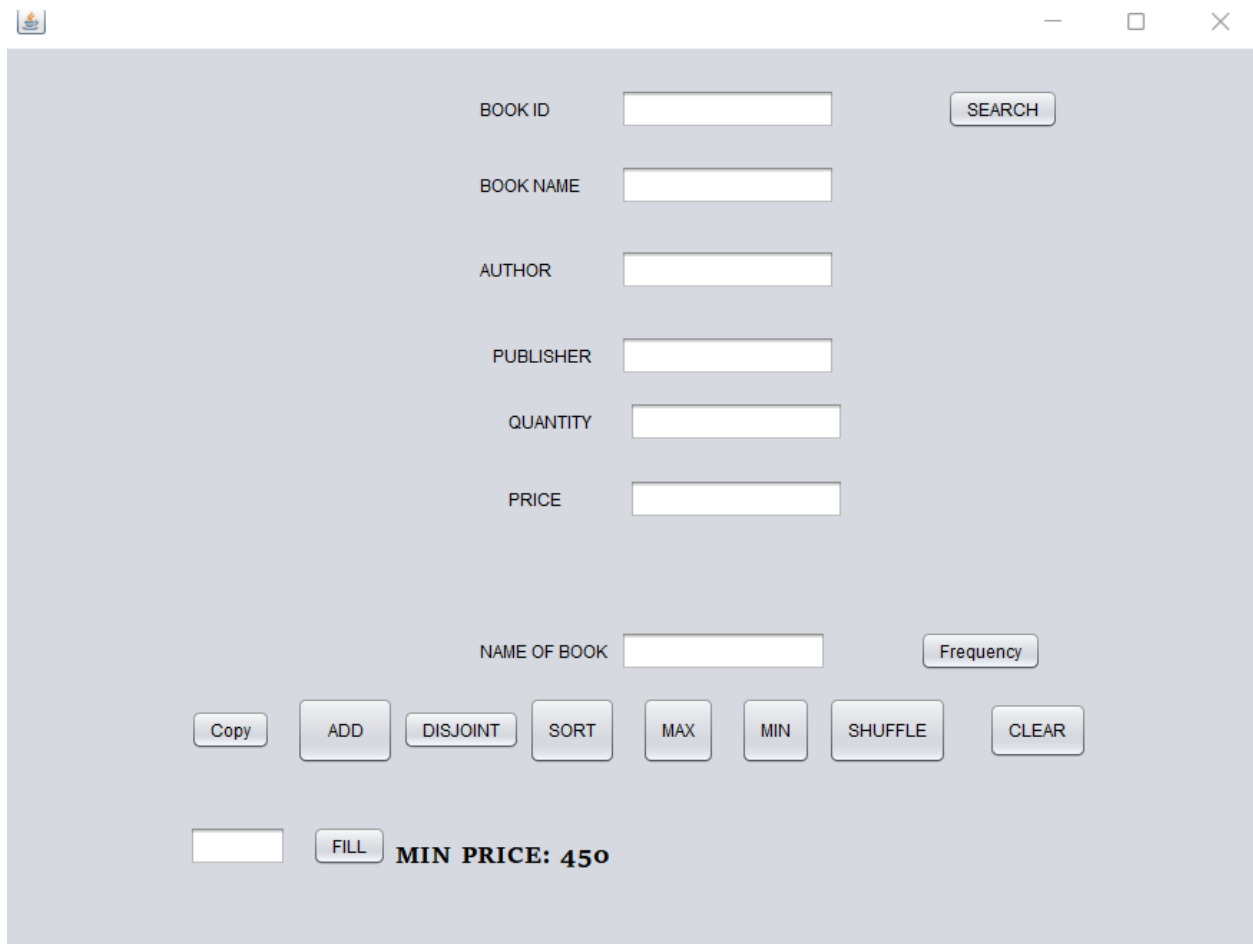
Copy | ADD | DISJOINT | SORT | MAX | MIN | SHUFFLE | CLEAR

[          ] FILL  **Author & Publisher are not Same**

## MAX

MIN:



BOOK ID [                    ]     SEARCH

BOOK NAME [                    ]

AUTHOR [                    ]

PUBLISHER [                    ]

QUANTITY [                    ]

PRICE [                    ]

NAME OF BOOK [                    ]     Frequency

Copy   ADD   DISJOINT   SORT   MAX   MIN   SHUFFLE   CLEAR

[        ]   FILL   **MIN PRICE: 450**

## FREQUENCY:

BOOK ID        [ ]      SEARCH

BOOK NAME    [ ]

AUTHOR      [ ]

PUBLISHER    [ ]

QUANTITY     [ ]

PRICE       [ ]

NAME OF BOOK   [ REVENGE ]    Frequency

Copy    ADD    DISJOINT    SORT    MAX    MIN    SHUFFLE    CLEAR

[ ]    FILL    **FREQUENCY:2**

## FILL:



| BOOK ID | | SEARCH |
| BOOK NAME | | |
| AUTHOR | | |
| PUBLISHER | | |
| QUANTITY | | |
| PRICE | | |

NAME OF BOOK `REVENGE`   Frequency

Copy   ADD   DISJOINT   SORT   MAX   MIN   SHUFFLE   CLEAR

`34`   FILL   **ALL BOOKS QUANTITY CHANGE**

COPY:

## SHUFFLE:



| | | |
|---|---|---|
| BOOK ID | 3 | SEARCH |
| BOOK NAME | killer | |
| AUTHOR | asif | |
| PUBLISHER | nadia | |
| QUANTITY | 100 | |
| PRICE | 1000 | |

NAME OF BOOK [          ]  Frequency

Copy   ADD   DISJOINT   SORT   MAX   MIN   SHUFFLE   CLEAR

[      ]  FILL   **SHUFFLE  killer death revenge**

## SORT:



BOOK ID     [                    ]     SEARCH

BOOK NAME     [                    ]

AUTHOR     [                    ]

PUBLISHER     [                    ]

QUANTITY     [                    ]

PRICE     [                    ]

NAME OF BOOK     [                    ]     Frequency

Copy    ADD    DISJOINT    SORT    MAX    MIN    SHUFFLE    CLEAR

[        ]   FILL   **SORT: ALI AMAAD ASAD**