**WEEK1\_1\_SKM\_DAA:**

In an online bookstore, there are thousands of books available for purchase. The bookstore's website allows customers to search for books based on various criteria, such as title, author, publication date, and price. if a customer searches for books by a specific title and price, the program can arrange the search results by price, from low to high or vice versa, based on the customer's preference.

TEST CASE 1:

INPUT:

Enter Book Price:

200

150

300

420

OUT PUT:

420

300

200

150

TEST CASE 2:

Enter Book Price:

INPUT:

150

690

800

140

OUTPUT:

140

150

690

800

**WEEK1\_2\_SKM\_DAA:**

Courier and logistics companies handle a massive volume of packages daily. These packages need to be efficiently sorted and routed to their destinations to ensure timely and accurate deliveries. Each package typically has a unique barcode that contains essential information like the recipient's address, delivery method, and tracking number. So, implement an application to arrange the packages based on tracking numbers.

TEST CASE 1:

INPUT:

Enter Package Tracking Number

2000

1500

3000

4200

OUTPUT:

4200

3000

2000

1500

TEST CASE 1:

INPUT:

Enter Package Tracking Number

1500

6900

8000

1400

OUTPUT:

8000

6900

1500

1400

**WEEK1\_3\_SKM\_DAA:**

Imagine you are working for a large online marketplace like Amazon or eBay. One of the critical functionalities of such platforms is to display products to customers in a way that is relevant, helpful, and easy to navigate. Customers can browse through thousands or even millions of products, and Many users prefer to see products sorted by price, either in ascending or descending order. This allows them to find the cheapest or most expensive products within their budget. So, implement an application to arrange the products based on price.

TEST CASE 1:

INPUT:

Enter Product Price:

2000

1500

3000

4200

OUT PUT:

4200

3000

2000

1500

TEST CASE 2:

Enter Product Price:

INPUT:

1500

6900

8000

1400

OUTPUT:

1400

1500

6900

8000