CHAPTER 5

RESULTS

5.1 OVERVIEW OF THE PAGE


```
***** WELCOME ADMIN ******
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
```

Fig. 5.1 Overview of page

5.2 INSERTION

On pressing 1, I can insert bikes by having to fill in the asked data fields like year of release, cost of bike, quantity left, quantity sold, type and model of bike. Over here I have inserted 5 bikes.

```
Please select an option :
1
Enter the bike details ----
Enter year of release: 2002
Enter cost: 10
Enter qt left: 1
Enter qt sold: 1
Enter type: sports
Enter model: 50cc
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
1
Enter the bike details ----
Enter year of release: 2001
Enter cost: 20
Enter qt left: 2
Enter qt sold: 2
Enter type: sports
Enter model: 40cc
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
1
Enter the bike details ----
Enter year of release: 2000
Enter cost: 30
Enter qt left: 3
Enter qt sold: 3
Enter type: electric
Enter model: 50cc
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
```

Fig. 5.2 Insertion

```
Please select an option :
1
Enter the bike details ----
Enter year of release: 1945
Enter cost: 45
Enter qt left: 4
Enter qt sold: 4
Enter type: sports
Enter model: 11cc
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
1
Enter the bike details ----
Enter year of release: 2020
Enter cost: 100
Enter qt left: 5
Enter qt sold: 4
Enter type: electrical
Enter model: 69cc
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
```

Fig. 5.3 Insertion

5.4 DISPLAYING ALL THE BIKES

On pressing 2 display all the bikes in the store and associated data field so fit. Here all the

bikes are displayed according the year of release or ascending order.

```
Please select an option :
2
Inorder Traversal (YEAR WISE DISPLAY OF BIKES) :
*****
 ---------- Year is: 1945
 ---------- Cost is: 45
 ---------- Quantity_left is: 4
 ---------- Quantity_sold is: 4
 ---------- Type is: sports
 ---------- Model is: 11cc
*****

*****
 ---------- Year is: 2000
 ---------- Cost is: 30
 ---------- Quantity_left is: 3
 ---------- Quantity_sold is: 3
 ---------- Type is: electric
 ---------- Model is: 50cc
*****

*****
 ---------- Year is: 2001
 ---------- Cost is: 20
 ---------- Quantity_left is: 2
 ---------- Quantity_sold is: 2
 ---------- Type is: sports
 ---------- Model is: 40cc
*****

*****
 ---------- Year is: 2002
 ---------- Cost is: 10
 ---------- Quantity_left is: 1
 ---------- Quantity_sold is: 1
 ---------- Type is: sports
 ---------- Model is: 50cc
*****

*****
 ---------- Year is: 2020
 ---------- Cost is: 100
 ---------- Quantity_left is: 4
 ---------- Quantity_sold is: 5
 ---------- Type is: electrical
 ---------- Model is: 69cc
*****

***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
```

Fig. 5.4 Displaying all bikes

5.5 DELETION OF BIKES

To delete bikes have to press 3. On pressing 3 it asks us which bike we want to delete. We then enter the bike's year of release. In my program we are deleting two bikes which will be 2001 and 2002.

```
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
3
Enter the bike to be deleted:
2001
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
3
Enter the bike to be deleted:
2002
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
```

Fig. 5.5 Deletion of bikes

After deleting the two bikes, will display the other remaining bikes,

```
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
2
Inorder Traversal (YEAR WISE DISPLAY OF BIKES) :
*****
 ---------- Year is: 1945
 ---------- Cost is: 45
 ---------- Quantity_left is: 4
 ---------- Quantity_sold is: 4
 ---------- Type is: sports
 ---------- Model is: 11cc
*****

*****
 ---------- Year is: 2000
 ---------- Cost is: 30
 ---------- Quantity_left is: 3
 ---------- Quantity_sold is: 3
 ---------- Type is: electric
 ---------- Model is: 50cc
*****

*****
 ---------- Year is: 2020
 ---------- Cost is: 10
 ---------- Quantity_left is: 1
 ---------- Quantity_sold is: 1
 ---------- Type is: sports
 ---------- Model is: 50cc
*****

***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
```

Fig. 5.6 Remaining bikes after
deletion

5.7 CHECK THE OLDEST BIKE MODEL IN STORE

```
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
4
  the oldest bike model in the store is 11cc
```

Fig 5.7 Oldest bike model in store

5.8 CHECK THE LATEST BIKE MODEL IN STORE

```
***** WELCOME TO HARLEY'S BIKE STORE ******
1.Insert bikes
2.display all bikes
3.Delete a bike
4.View the oldest model bike
5.View the latest model bike
6.exit admin view and switch to user view
Please select an option :
5
  the latest bike model in the store is 50cc
```

Fig. 5.8 Latest bike model in store

5.9 SWITCHING TO USER MODE

```
Please select an option :
6
***** WELCOME TO USER VIEW ****
***** WELCOME TO HARLEY'S BIKE STORE *****
1.display all bikes
2.View the oldest model bike
3.View the latest model bike
4.exit
Please select an option :
```

Fig 5.9 User mode

5.10 DISPLAYING ALL BIKES IN USER MODE

On pressing 1 we can display all bikes

```
Please select an option :
1
Inorder Traversal (YEAR WISE DISPLAY OF BIKES) :
*****
 ---------- Year is: 1945
 ---------- Cost is: 45
 ---------- Quantity_left is: 4
 ---------- Quantity_sold is: 4
 ---------- Type is: sports
 ---------- Model is: 11cc
*****

*****
 ---------- Year is: 2000
 ---------- Cost is: 30
 ---------- Quantity_left is: 3
 ---------- Quantity_sold is: 3
 ---------- Type is: electric
 ---------- Model is: 50cc
*****

*****
 ---------- Year is: 2020
 ---------- Cost is: 10
 ---------- Quantity_left is: 1
 ---------- Quantity_sold is: 1
 ---------- Type is: sports
 ---------- Model is: 50cc
*****

***** WELCOME TO HARLEY'S BIKE STORE *****
1.display all bikes
2.View the oldest model bike
3.View the latest model bike
4.exit
Please select an option :
█
```

Fig. 5.10 Displaying all bikes in user mode

5.11 TO VIEW OLDEST BIKE MODEL IN USER VIEW

To view oldest bike model in store press 2

```
***** WELCOME TO HARLEY'S BIKE STORE ******
1.display all bikes
2.View the oldest model bike
3.View the latest model bike
4.exit
Please select an option :
2
  the oldest bike model in the store is 11cc
***** WELCOME TO HARLEY'S BIKE STORE ******
```

Fig. 5.11 View oldest bike model in user mode

5.12 TO VIEW LATEST BIKE MODEL IN USER VIEW

To view the latest bike model in store press 3

```
1.display all bikes
2.View the oldest model bike
3.View the latest model bike
4.exit
Please select an option :
3
  the latest bike model in the store is 50cc
***** WELCOME TO HARLEY'S BIKE STORE ******
```

Fig. 5.12 View latest bike model in user mode

5.13 TO EXIT

To exit press 4

```
***** WELCOME TO HARLEY'S BIKE STORE ******
1.display all bikes
2.View the oldest model bike
3.View the latest model bike
4.exit
Please select an option :
4
Shreyass-MacBook-Air:SEM3 shreyas$ ▊
```

Fig. 5.13 To exit