**HW5P1 OUTPUT:**

PS C:\Users\Fahad\Desktop\212> cd "c:\Users\Fahad\Desktop\212\" ; if ($?) { g++ HW5P1.cpp -o HW5P1 } ; if ($?) { .\HW5P1 }

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

Fahad Faruqi File: HW5P1.cpp Date: Nov 18 2022 CSC 21200 LM24126

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

INPUT

Input Car 1 Model

Honda

Input Car 1 Price

8921

Input Car 1 Owner

CR-V

Input Car 2 Model

Jeep

Input Car 2 Price

7568

Input Car 2 Owner

Jackson

Input Car 3 Model

Toyota

Input Car 3 Price

9530

Input Car 3 Owner

Isiah

Input Car 4 Model

RAV4

Input Car 4 Price

10567

Input Car 4 Owner

Nissan

Input Car 5 Model

Abel

Input Car 5 Price

17568

Input Car 5 Owner

Brian

Input Car 6 Model

Rouge

Input Car 6 Price

8964

Input Car 6 Owner

Ariana

Input Car 7 Model

Ram

Input Car 7 Price

15381

Input Car 7 Owner

Stewie

Input Car 8 Model

Chevrolet

Input Car 8 Price

19843

Input Car 8 Owner

Macintosh

Input Car 9 Model

9874

Input Car 9 Price

17861

Input Car 9 Owner

Shafaat

Input Car 10 Model

Highlander

Input Car 10 Price

12354

Input Car 10 Owner

Martin

Input Car 11 Model

GMC

Input Car 11 Price

16897

Input Car 11 Owner

Luis

Input Car 12 Model

Sierra

Input Car 12 Price

17912

Input Car 12 Owner

Suburbi

OUTPUT

Car 1 Model: Honda Price: 8921.00 Owner: CR-V

Car 2 Model: Jeep Price: 7568.00 Owner: Jackson

Car 3 Model: Toyota Price: 9530.00 Owner: Isiah

Car 4 Model: RAV4 Price: 10567.00 Owner: Nissan

Car 5 Model: Abel Price: 17568.00 Owner: Brian

Car 6 Model: Rouge Price: 8964.00 Owner: Ariana

Car 7 Model: Ram Price: 15381.00 Owner: Stewie

Car 8 Model: Chevrolet Price: 19843.00 Owner: Macintosh

Car 9 Model: 9874 Price: 17861.00 Owner: Shafaat

Car 10 Model: Highlander Price: 12354.00 Owner: Martin

Car 11 Model: GMC Price: 16897.00 Owner: Luis

Car 12 Model: Sierra Price: 17912.00 Owner: Suburbi

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

The average price is: $13613.83

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

The Abel is costiler than the average car price ($13613.83)

The Ram is costiler than the average car price ($13613.83)

The Chevrolet is costiler than the average car price ($13613.83)

The 9874 is costiler than the average car price ($13613.83)

The GMC is costiler than the average car price ($13613.83)

The Sierra is costiler than the average car price ($13613.83)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

All car entries lower than 25% of the average have been deleted!

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Car 1 Model: Honda Price: 8921.00 Owner: CR-V

Car 2 Model: Jeep Price: 7568.00 Owner: Jackson

Car 3 Model: Toyota Price: 9530.00 Owner: Isiah

Car 4 Model: RAV4 Price: 10567.00 Owner: Nissan

Car 5 Model: Abel Price: 17568.00 Owner: Brian

Car 6 Model: Rouge Price: 8964.00 Owner: Ariana

Car 7 Model: Ram Price: 15381.00 Owner: Stewie

Car 8 Model: Chevrolet Price: 19843.00 Owner: Macintosh

Car 9 Model: 9874 Price: 17861.00 Owner: Shafaat

Car 10 Model: Highlander Price: 12354.00 Owner: Martin

Car 11 Model: GMC Price: 16897.00 Owner: Luis

Car 12 Model: Sierra Price: 17912.00 Owner: Suburbi

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*Histogram\*\*

7500:

8000: x

8500:

9000: x x

9500:

10000: x

10500:

11000: x

11500:

12000:

12500: x

13000:

13500:

14000:

14500:

15000:

15500: x

16000:

16500:

17000: x

17500:

18000: x x x

18500:

19000:

19500:

20000: x

20500:

Function findLessThan7500() did not produce an output because no entry was below $7500

**HW5P2 OUTPUT**

PS C:\Users\Fahad\Desktop\212> cd "c:\Users\Fahad\Desktop\212\" ; if ($?) { g++ HW5P2.cpp -o HW5P2 } ; if ($?) { .\HW5P2 }

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

Fahad Faruqi File: HW5P2.cpp Date: Nov 18 2022 CSC 21200 LM24126

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

INPUT

Car Model: Ram

Car Model: GMC

Car Model: Toyota

Car Model: Honda

Car Model: Civic

Car Model: Lambo

Car Model: Ferrari

Car Model: Chevrolet

Car Model: Ford

OUTPUT

\*\*\*\*CAR MODELS\*\*\*\*

Car Model:Ford

Car Model:Chevrolet

Car Model:Ferrari

Car Model:Lambo

Car Model:Civic

Car Model:Honda

Car Model:Toyota

Car Model:GMC

Car Model:Ram