Test Data- Soccer Player Management and Visualization System

Test Data

Test Data Table

Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
Normal	Menu Option: a|A ID: 11001 Name: Robinho Age: 38 Height: 170 Weight: 55.0 Continue: <any key other than 'y|Y'> Menu Option: q|Q	To check whether the simple add function works.	The details of the player you entered are as follows: Player ID: 000011001 Player name: Robinho Age: 38 Height: 170 Weight: 55.0 The record has been successfully added to the Player.txt file.	RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernandez_ === Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. === Please select an option from the above:A === <A>dd a player === Please enter the player ID:11001 Please enter the player name(max 32 charcters):Robinho Please enter the age:38 Please enter the height(cm):170 Please enter the weight(cm):55.0 Thank You! The details of the player you entered are as follows: Player ID: 000011001 Player name: Robinho Age: 38 Height: 170 Weight: 55.0 The record has been successfully added to the Player.txt file. Do you want to enter details for another player (Y|Any other key for exit)? === Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. === Please select an option from the above:Q Thank you and have a nice day >>> From Players.txt 10980 000010979 Zurab Khizanishvili 36 185 78.0 10981 000011000 Lionel Messi 30 169 72.0 10982 000011001 Robinho 38 170 55.0

<table>

Test Data Table				
Test data type	**Test data**	**The reason it was selected**	**The output expected due to the use of the test data**	**The screenshot of actual output when the test data are used**
Normal	Menu Option: a|A ID: 11002 Name: Adriano Age: 42 Height: 190 Weight: 110.0 Continue: y|Y Menu Option: a|A ID: 11003 Name: Ronaldhino Gaucho Age: 39 Height: 180 Weight: 90.0 Continue: <any key other than 'y|Y'> Menu Option: q|Q	To check whether multiple add function works	The details of the player you entered are as follows: Player ID: 000011002 Player name: Adriano Age: 42 Height: 190 Weight: 110.0 The record has been successfully added to the Player.txt file. The details of the player you entered are as follows: Player ID: 000011003 Player name: Ronaldhino Gaucho Age: 39 Height: 180 Weight: 90.0 The record has been successfully added to the Player.txt file.	=== Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. === Please select an option from the above:a === <A>dd a player === Please enter the player ID:11002 Please enter the player name(max 32 charcters):Adriano Please enter the age:42 Please enter the height(cm):190 Please enter the weight(cm):110.0 Thank You! The details of the player you entered are as follows: Player ID: 000011002 Player name: Adriano Age: 42 Height: 190 Weight: 110.0 The record has been successfully added to the Player.txt file. Do you want to enter details for another player (Y|Any other key for exit)?Y === <A>dd a player === Please enter the player ID:11003 Please enter the player name(max 32 charcters):Ronaldhino Gaucho Please enter the age:39 Please enter the height(cm):180 Please enter the weight(cm):90.0 Thank You!

</table>

Test Data Table				
Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
				The details of the player you entered are as follows: Player ID: 000011003 Player name: Ronaldhino Gaucho Age: 39 Height: 180 Weight: 90.0 The record has been successfully added to the Player.txt file. Do you want to enter details for another player (Y|Any other key for exit)?N === Welcome to the Soccer Player Management and Visualisation System \<A\>dd details of a player. \<S\>earch player details for a player. \<V\>isualize player details. \<Q\>uit. === Please select an option from the above:Q Thank you and have a nice day >>> From Players.txt: 10983 000011002 Adriano 42 190 110.0 10984 000011003 Ronaldhino Gaucho 39 180 90.0

Test Data Table

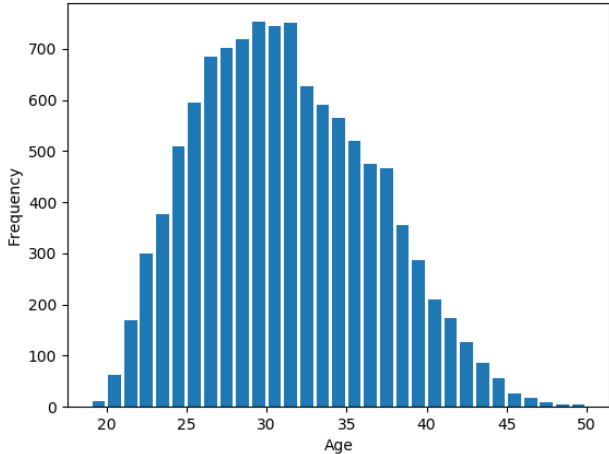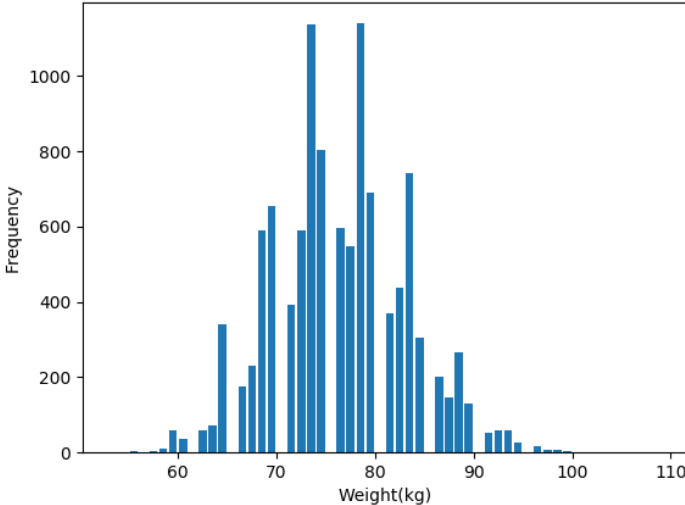| Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
Normal	Menu Option: a|A ID: 11000 ID: 11004 Name: Rivaldo Age: 45 Height: 185 Weight: 85.0 Continue: <any key other than 'y|Y'> Menu Option: q|Q	To check whether the program will identify that the entered id already exists in the file.	Please select an option from the above:A === <A>dd a player === Please enter the player ID:11000 Player ID exists!!! Player ID: 000011000 Player name: Lionel Messi Age: 30 Height: 169 Weight: 72.0 Please enter a unique Player ID. Please enter the player ID:11004	``` RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernandez_I == Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. == Please select an option from the above:A === <A>dd a player === Please enter the player ID:11000 Player ID exists!!! Player ID: 000011000 Player name: Lionel Messi Age: 30 Height: 169 Weight: 72.0 Please enter a unique Player ID. Please enter the player ID:11004 Please enter the player name(max 32 charcters):Rivaldo Please enter the age:45 Please enter the height(cm):185 Please enter the weight(cm):85.0 Thank You! The details of the player you entered are as follows: Player ID: 000011004 Player name: Rivaldo Age: 45 Height: 185 Weight: 85.0 The record has been successfully added to the Player.txt file. Do you want to enter details for another player (Y|Any other key for exit)? == ```

Test Data Table

Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
				Do you want to enter details for another player (Y|Any other key for exit)? == Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. == Please select an option from the above:Q Thank you and have a nice day >>> From Players.txt: 10984 000011003 Ronaldhino Gaucho 39 180 90.0 10985 000011004 Rivaldo 45 185 85.0

				Test Data Table	

Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
Normal	Menu Option: s|S ID: 39 Continue: <any key other than 'y|Y'> Menu Option: q|Q	To search for a player present in the file.	Thank You! One player has been found: Player ID: 000000039 Player name: Abdoulaye Ba Age: 27 Height: 198 Weight: 78.9	RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernanc === Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. === Please select an option from the above:S === <S>earch for existing player === Please enter the player ID you want to search:39 Thank You! One player has been found: Player ID: 000000039 Player name: Abdoulaye Ba Age: 27 Height: 198 Weight: 78.9 Do you want to search for another player (Y|Any other key for exit)?N === Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. === Please select an option from the above:Q Thank you and have a nice day >>>

Test Data Table				
Test data type	**Test data**	**The reason it was selected**	**The output expected due to the use of the test data**	**The screenshot of actual output when the test data are used**
Normal	Menu Option: s|S ID: 12000 Continue: <any key other than 'y|Y'> Menu Option: q|Q	To search for a player that isn't present in Players.txt	Thank You! Player ID:000012000 does not exist in database.	RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernande === Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. === Please select an option from the above:s === <S>earch for existing player === Please enter the player ID you want to search:12000 Thank You! Player ID:000012000 does not exist in database. Do you want to search for another player (Y|Any other key for exit)?n === Welcome to the Soccer Player Management and Visualisation System <A>dd details of a player. <S>earch player details for a player. <V>isualize player details. <Q>uit. === Please select an option from the above:q Thank you and have a nice day >>>

Test Data Table				
Test data type	**Test data**	**The reason it was selected**	**The output expected due to the use of the test data**	**The screenshot of actual output when the test data are used**
| Normal | Menu Option: v\|V ID: 12000<br><br>Continue: <any key other than 'y\|Y'> Menu Option: q\|Q | To view the three different types of histograms. | See histograms for age, height and weight of the players. | ```
RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernandez_II
=======================================================
Welcome to the Soccer Player Management and Visualisation System
<A>dd details of a player.
<S>earch player details for a player.
<V>isualize player details.
<Q>uit.
=======================================================
Please select an option from the above:V
=== <V>isualize player details ===
1. Age    2. Height    3. Weight
Please select the attribute you want to visualise:1
Do you want to visualize for another attribute (Y|Any other key for exit)?Y
=== <V>isualize player details ===
1. Age    2. Height    3. Weight
Please select the attribute you want to visualise:2
Do you want to visualize for another attribute (Y|Any other key for exit)?y
=== <V>isualize player details ===
1. Age    2. Height    3. Weight
Please select the attribute you want to visualise:3
Do you want to visualize for another attribute (Y|Any other key for exit)?N
=======================================================
Welcome to the Soccer Player Management and Visualisation System
<A>dd details of a player.
<S>earch player details for a player.
<V>isualize player details.
<Q>uit.
=======================================================
Please select an option from the above:Q
Thank you and have a nice day
>>>
``` |

Test Data Table

Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
				Histogram for Age of 10984 soccer players

				Test Data Table	
Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used	
				Histogram for Height of 10984 soccer players	

Test Data Table				
Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
				Histogram for Weight of 10984 soccer players

Test Data Table

Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
| Abnormal | Menu Option: a\|A<br>ID: -23456<br><br>ID: notanid | To check if the program can handle invalid ID entries. | Please enter the player ID:-23456<br>Player ID should be greater than 0. Try again!<br>Please enter the player ID:notanid<br>Player ID should be an integer. Try again!<br>Please enter the player ID:11005<br>Please enter the player name(max 32 charcters):Denilson | ```
 RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernandez_ITC558
==================================================
Welcome to the Soccer Player Management and Visualisation System
<A>dd details of a player.
<S>earch player details for a player.
<V>isualize player details.
<Q>uit.
==================================================
Please select an option from the above:A
=== <A>dd a player ===
Please enter the player ID:-23456
Player ID should be greater than 0. Try again!
Please enter the player ID:notanid
Player ID should be an integer. Try again!
Please enter the player ID:11005
Please enter the player name(max 32 charcters):Denilson
Please enter the age:49
Please enter the height(cm):157
Please enter the weight(cm):63

Thank You!

The details of the player you entered are as follows:
Player ID: 000011005
Player name: Denilson
Age: 49
Height: 157
Weight: 63.0
The record has been successfully added to the Player.txt file.


Do you want to enter details for another player (Y|Any other key for exit)?N
==================================================
Welcome to the Soccer Player Management and Visualisation System
<A>dd details of a player.
<S>earch player details for a player.
<V>isualize player details.
<Q>uit.
==================================================
Please select an option from the above:Q
Thank you and have a nice day
>>>
``` |

Test Data Table

Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
| Abnormal | Menu Option: a\|A<br>ID: 11006<br>Name:<br><br>Name: This name is too long. I mean it is very long. Too long to be accepted.<br><br>Name: Romario<br>Age: 53<br>Height: 165<br>Weight: 55<br>Continue: <any key other than 'y\|Y'><br>Menu Option: q\|Q | To check if program can respond appropriately to an empty name or a name that is longer than the limit being provided. | Please enter the player name(max 32 charcters):<br>Name cannot be an empty string<br>Please enter the player name(max 32 charcters):This name is too long. I mean it is very long. Too long to be accepted.<br>Apologies! Because of space constraints, name cannot be more than 32 characters<br>Please enter the player name(max 32 charcters):Romario<br>Please enter the age: 53 | ```
 RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernandez_ITC558-Ass3-SPMVS.py
=======================================================
Welcome to the Soccer Player Management and Visualisation System
<A>dd details of a player.
<S>earch player details for a player.
<V>isualize player details.
<Q>uit.
=======================================================
Please select an option from the above:A
=== <A>dd a player ===
Please enter the player ID:11006
Please enter the player name(max 32 charcters):
Name cannot be an empty string
Please enter the player name(max 32 charcters):This name is too long. I mean it is very long. Too long to be accepted.
Apologies! Because of space constraints, name cannot be more than 32 characters
Please enter the player name(max 32 charcters):Romario
Please enter the age: 53
Please enter the height(cm):165
Please enter the weight(cm):55

Thank You!

The details of the player you entered are as follows:
Player ID: 000011006
Player name: Romario
Age: 53
Height: 165
Weight: 55.0
The record has been successfully added to the Player.txt file.

Do you want to enter details for another player (Y|Any other key for exit)?
=======================================================
Welcome to the Soccer Player Management and Visualisation System
<A>dd details of a player.
<S>earch player details for a player.
<V>isualize player details.
<Q>uit.
=======================================================
Please select an option from the above:Q
Thank you and have a nice day
```` |

| Abnormal | Menu Option: a\|A
ID: 11007
Name: Zinedine Zidane
<mark>Age: -15</mark>
<mark>Age: Wot</mark>

Age: 45

<mark>Height: -25</mark>
<mark>Height: Duh</mark>

Height: 180
<mark>Weight: -75</mark>
<mark>Weight: Function</mark>

Weight: 75
Continue: <any key other than 'y\|Y'>
Menu Option: q\|Q | To check if the program can respond satisfactorily to invalid age, height or weight inputs. | Please enter the player name(max 32 charcters):Zinedine Zidane
Please enter the age:-15
Age should not be negative. Try again!
Please enter the age:Wot
Age should be an integer. Try again!
Please enter the age:45
Please enter the height(cm):-25
Height should not be negative. Try again!
Please enter the height(cm):Doh
Height should be an integer. Try again!
Please enter the height(cm):180
Please enter the weight(cm):-75
Weight should not be negative. Try again!
Please enter the weight(cm):Function
Weight should be an integer. Try again!
Please enter the weight(cm):75

Thank You! | ...
 RESTART: F:\Student\ITC558 PP\11641672 ITC558 Ass3\11641672-PaulJrFernandez_ITC55
===
Welcome to the Soccer Player Management and Visualisation System
<A>dd details of a player.
<S>earch player details for a player.
<V>isualize player details.
<Q>uit.
===
Please select an option from the above:A
=== <A>dd a player ===
Please enter the player ID:11007
Please enter the player name(max 32 charcters):Zinedine Zidane
Please enter the age:-15
Age should not be negative. Try again!
Please enter the age:Wot
Age should be an integer. Try again!
Please enter the age:45
Please enter the height(cm):-25
Height should not be negative. Try again!
Please enter the height(cm):Doh
Height should be an integer. Try again!
Please enter the height(cm):180
Please enter the weight(cm):-75
Weight should not be negative. Try again!
Please enter the weight(cm):Function
Weight should be an integer. Try again!
Please enter the weight(cm):75

Thank You! |

				Test Data Table	

Test data type	Test data	The reason it was selected	The output expected due to the use of the test data	The screenshot of actual output when the test data are used
				The details of the player you entered are as follows: Player ID: 000011007 Player name: Zinedine Zidane Age: 45 Height: 180 Weight: 75.0 The record has been successfully added to the Player.txt file. Do you want to enter details for another player (Y|Any other key for exit)?N === Welcome to the Soccer Player Management and Visualisation System \<A\>dd details of a player. \<S\>earch player details for a player. \<V\>isualize player details. \<Q\>uit. === Please select an option from the above:q Thank you and have a nice day >>> |