**OUTPUT:**

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

1.Insert a keyword in AVL tree.

2.Display the AVL tree.

3.Search a keyword

4.Delete a keyword.

Enter your choice : 1

Enter the keyword:a

Enter the meaning:sample

Do you want to add another word?(y/n)y

Enter the keyword:d

Enter the meaning:sample

Do you want to add another word?(y/n)y

Enter the keyword:f

Enter the meaning:sample

Do you want to add another word?(y/n)y

Enter the keyword:c

Enter the meaning:sample

Do you want to add another word?(y/n)y

Enter the keyword:z

Enter the meaning:sample

Do you want to add another word?(y/n)n

Do you want to continue? (y/n): y

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

1.Insert a keyword in AVL tree.

2.Display the AVL tree.

3.Search a keyword

4.Delete a keyword.

Enter your choice : 2

The keywords in ascending order are :

a : sample

c : sample

d : sample

f : sample

z : sample

The keywords in descending order are :

z : sample

f : sample

d : sample

c : sample

a : sample

Do you want to continue? (y/n):

The keywords in descending order are :

x : sample

f : sample

d : sample

c : sample

a : sample

Do you want to continue? (y/n): \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1.Insert a keyword in AVL tree.

2.Display the AVL tree.

2.Display the AVL tree.

3.Search a keyword

4.Delete a keyword.

Enter your choice : 3

Enter the keyword you wish to search : c

The entered keyword is present in the AVL tree

Do you want to continue? (y/n): y

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

1.Insert a keyword in AVL tree.

2.Display the AVL tree.

3.Search a keyword

4.Delete a keyword.

Enter your choice : 4

Enter the keyword to be deleted : c

Do you want to continue? (y/n): y

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

1.Insert a keyword in AVL tree.

2.Display the AVL tree.

3.Search a keyword

4.Delete a keyword.

Enter your choice : 2

The keywords in ascending order are :

a : sample

d : sample

f : sample

z : sample

The keywords in descending order are :

z : sample

f : sample

d : sample

a : sample

Do you want to continue? (y/n): n