**EXPERIMENT NO. 2(D)**

**AIM:** Use of ‘whos’ command to view the variables in the workspace.

**TOOL USED:** MATLAB 11

**THEORY:**

The “whos” command lists the current variables and their sizes and types. It also reports the totals for sizes. The syntax for the command is :

whos ('**-file**','filename','var1','var2',...)

It list the specified variables in the MAT-file filename. The wildcard character \* can be used to display variables that match a pattern

s = whos(...) returns a structure with these fields

* name variable name
* size variable size
* bytes number of bytes allocated for the array
* class class of variable

**STEPS FOLLOWED:**

1. Read the given audio file.

2. Get the values of its sampling rate and bit resolution.

3. Using the “whos” command, print the various parameters of the audio signal.

**RESULT:**

The following parameters are displayed:-

Name Size Bytes Class

Fs 1x1 8 double

fs 1x1 8 double

nbits 1x1 8 double

opts 1x1 916 struct

y 50000x1 400000 double