



**VIDYABHARTI TRUST COLLEGE OF
BUSINESS, COMPUTER-SCIENCE AND RESEARCH**

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digital+
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IMPORTANT DOC COMMANDS

DOS COMMANDS (INTERNAL - 52)	
1	BREAK
Syntax	BREAK =on off
Use	Used from the DOS prompt or in a batch file or in the CONFIG.SYS file to set (or display) whether or not DOS should check for a Ctrl + Break key combination.
2	BUFFERS
Syntax	BUFFERS=(number),(read-ahead number)
Use	Used in the CONFIG.SYS file to set number of disk buffers (number) that will be available for use during data input. Also used to set a value for the number of sectors to be read in advance (read-ahead) during data input operations.
3	CALL
Syntax	CALL [d:][path] batchfilename [options]
Use	Calls another batch file and then returns to current batch file to continue.
4	CHCP
Syntax	CHCP (codepage)
Use	Displays the current code page or changes the code page that DOS will use.
5	CHDIR
Syntax	CHDIR (CD) [d:] path, CHDIR (CD)[..]
Use	Displays working (current) directory and/or changes to a different directory.
6	CHOICE
Syntax	CHOICE [/C[:]keys] [/N]/[S]/[T[:]c,nn] [text]
Use	Used to provide a prompt so that a user can make a choice while a batch program is running.
7	CLS (Clear Screen)
Syntax	CLS
Use	Clears (erases) the screen.
8	COPY
Syntax	COPY[/Y -Y]/[A]/[B][d:][path]filename [/A]/[B] [d:][path][filename] [/V] or COPY[/Y -Y]/[A]/[B][d:][path]filename+[d:][path]filename[...][d:][path] [filename] [/V]
Use	Copies and appends files.
9	COUNTRY
Syntax	COUNTRY=country code,[code page][,][d:][filename]

Use	Used in CONFIG.SYS file to tell DOS to use country-specific text conventions during processing.
10	CTTY
Syntax	CTTY (device)
Use	Changes the standard I/O (Input/Output) device to an auxiliary device.
11	DATE
Syntax	DATE mm-dd-yy
Use	Displays and/or sets the system date.
12	DEL (ERASE)
Syntax	DEL (ERASE) [d:][path]filename [/P]
Use	Deletes (erases) files from disk.
13	DEVICE
Syntax	DEVICE=(driver name)
Use	Used in the CONFIG.SYS file to tell DOS which device driver to load.
14	DEVICEHIGH
Syntax	DEVICEHIGH=(driver name)
Use	Like DEVICE, it is used in CONFIG.SYS file to tell DOS which device driver s/w to use for devices; however, also used to install device driver into upper memory area.
15	DIR
Syntax	DIR [d:][path][filename] [/A:(attributes)] [/O:(order)] [/B]/[C]/[CH]/[L]/[S]/[P]/[W]
Use	Displays directory of files and directories stored on disk.
16	DOS
Syntax	DOS=[high low],[umb noub]
Use	Used in CONFIG.SYS file to specify memory location for DOS. Used to load DOS into upper memory area & to specify if or not upper memory blocks will be used.
17	DRIVPARM
Syntax	DRIVPARM= /D:(number) [/C] [/F:(form factor)] [/H:(number)] [/I]/[N]/[S:(number)] [/T:(tracks)]
Use	Used in the CONFIG.SYS file to set parameters for a disk drive.
18	ECHO
Syntax	ECHO on off, ECHO (message)
Use	Displays messages or turns on or off the display of commands in a batch file.
19	EXIT
Syntax	EXIT
Use	Exits a secondary command processor.

20	FCBS
Syntax	FCBS=(number)
Use	Used in CONFIG.SYS file to specify number of file-control blocks for file sharing.
21	FILES
Syntax	FILES=(number)
Use	Used in CONFIG.Sys file to specify maximum number of files that can be open at same time.
22	FOR
Syntax	FOR %%(variable) IN (set) DO (command) or (for interactive processing) FOR %(variable) IN (set) DO (command)
Use	Performs repeated execution of commands (for both batch & interactive processing).
23	GOTO
Syntax	GOTO (label)
Use	Causes unconditional branch to the specified label.
24	IF
Syntax	IF [NOT] EXIST filename (command) [parameters] IF [NOT] (string1)==(string2) (command) [parameters] IF [NOT] ERRORLEVEL (number) (command) [parameters]
Use	Allows for conditional operations in batch processing.
25	INCLUDE
Syntax	INCLUDE= blockname
Use	Used in CONFIG.SYS file to allow U to use commands from 1 CONFIG.SYS block within another.
26	INSTALL
Syntax	INSTALL=[d:][\path]filename [parameters]
Use	Used in CONFIG.SYS file to load memory resident programs into conventional memory
27	LASTDRIVE
Syntax	LASTDRIVE=(drive letter)
Use	Used in CONFIG.SYS file to set maximum number of drives that can be accessed.
28	LOADFIX
Syntax	LOADFIX [d:][path] filename [parameters]
Use	Ensures that program is loaded above 1st 64K of conventional memory & runs program.
29	LOADHIGH
Syntax	LOADHIGH (LH) [d:][path]filename [parameters]
Use	Loads memory resident application into reserved area of memory (bet ⁿ 640K-1M).

30	MENUCOLOR
Syntax	MENUCOLOR=textcolor,[background]
Use	Used in CONFIG.SYS file to set colors willbe used by DOS to display text on screen.
31	MENUDEFAULT
Syntax	MENUDEFAULT=blockname, [timeout]
Use	Used in CONFIG.SYS file to set startup configuration that will be used by DOS if no key is pressed within specified timeout period.
32	MENUITEM
Syntax	MENUITEM=blockname, [menutext]
Use	Used in the CONFIG.SYS file to create a start-up menu from which you can select a group of CONFIG.SYS commands to be processed upon reboot.
33	MKDIR (MD)
Syntax	MKDIR (MD) [d:] path
Use	Creates a new subdirectory.
34	MOVE
Syntax	MOVE [/Y /-Y] [d:][path]filename[, [d:][path]filename[...]] destination
Use	Moves 1/more files to location you specify. Can also be used to rename directories.
35	NUMLOCK
Syntax	NUMLOCK=on off
Use	Used in the CONFIG.SYS file to specify the state of the NumLock key.
36	PATH
Syntax	PATH; PATH [d:] path [;][d:]path[...]
Use	Sets/displays directories that will be searched for programs not in current directory.
37	PAUSE
Syntax	PAUSE [comment]
Use	Suspends execution of a batch file until a key is pressed.
38	PROMPT
Syntax	PROMPT [prompt text] [options]
Use	Changes the DOS command prompt.
39	REM
Syntax	REM [comment]
Use	Used in batch files & CONFIG.SYS file to insert remarks (that will not be acted on)
40	RENAME (REN)
Syntax	RENAME (REN) [d:][path]filename [d:][path]filename

Use	Changes the filename under which a file is stored.
41	RMDIR (RD)
Syntax	RMDIR (RD) [d:]path
Use	Removes a subdirectory.
42	SET
Syntax	SET (string1)=(string2)
Use	Inserts strings into cmd environment. The set values can be used later by programs.
43	SHELL
Syntax	SHELL=[d:][path]filename [parameters]
Use	Used in CONFIG.SYS file to specify the command interpreter that DOS should use.
44	SHIFT
Syntax	SHIFT
Use	Increases number of replaceable parameters to more than std ten for use in batch files.
45	STACKS
Syntax	STACKS=(number),(size)
Use	Used in CONFIG.SYS file to set number of stack frames & size of each stack frame.
46	SUBMENU
Syntax	SUBMENU=blockname, [menutext]
Use	Used in CONFIG.SYS file to create multilevel menu from which U can select start-up options.
47	SWITCHES
Syntax	SWITCHES= [/K]/F[/N]/W]
Use	Used in CONFIG.SYS file to configure DOS in a special way; for ie, to tell DOS to emulate different H/W configurations.
48	TIME
Syntax	TIME hh:mm[:ss][.cc][A P]
Use	Displays current time setting of system clock & provides a way for you to reset time.
49	TYPE
Syntax	TYPE [d:][path]filename
Use	Displays the contents of a file.
50	VER
Syntax	VER
Use	Displays the DOS version number.
51	VERIFY

Syntax	VERIFY on off
Use	Program checks all copying operations to assure that files are copied correctly.
52	VOL
Syntax	VOL [d:]
Use	Displays a disk's volume label.

MR. YATIN PATEL
ASST. PROFESSOR

GMAIL SHORTCUTS

CTRL+N	= Compose a New Email
CTRL+D	= Archive an Email
CTRL+Enter	= Send an Email
CTRL+S	= Save a Draft
CTRL+U	= Refresh your Inbox
RIGHT ARROW	= Open selected Conversation
CTRL+A	= Select All
CTRL+M	= Open the Side menu
CTRL+	= Open Settings
CTRL+?	= Open Help & Feedback
CTRL+R	= Reply all
CTRL+I	= Mark as read or unread
CTRL+P	= Print

MR. AMIT PATEL

H.O.D.

How Will AngularJS Make A Difference In Your Career?

Who will benefit from learning AngularJS?

The professionals who would primarily benefit from learning AngularJS are web developers, project managers, and testing professionals. The popularity of AngularJS has risen to such a level that it has been kept as a critical criterion for professionals.

Although there is a wide range of [JavaScript frameworks](#), AngularJS has managed to stand out among all of those because of its peculiar features. It offers many such features that are unique and are of great use to the users like two-way binding, handling dependency injections, etc. The professionals who aspire to achieve a stable career in SPA (Single Page Application) are more ready to benefit from AngularJS.

A person who is starting with the basics of AngularJS should at least have a basic idea about JavaScript. If the individual is looking for a career as a designer, he/she should have a fair amount of knowledge about HTML. It is not a high bar to cross and these skills will easily ensure you job opportunities in the IT sector.

Perks of using AngularJS

When there are a large number of modern JS frameworks available in the IT world, there should be some extremely unique and striking features that will make the user or the enterprise choose AngularJS. Some of these lucrative features include its feature of extensibility with HTML and CSS, easy user interface, testability, etc.

Another major advantageous feature is that it reduces the amount of code to be written for building a particular application. AngularJS is a dynamic web application that being client-sided even gives the user a feel of a standalone application.

Some other key features of AngularJS include modules, filters, directives, form validation, unit testing and so on.

How will the knowledge of AngularJS enhance your career?

AngularJS has managed to master the world of JavaScript frameworks overtaking other frameworks like [ReactJS](#), EmberJS, etc. In the scale of popularity, without even leaving a chance to doubt, AngularJS has secured the position of undisputed leadership. The graph shown below is an example of this fact.

The job market for JavaScript developers

Java is considered the 'grandfather' of development as it has been in use for almost 20 years. Even today, skilled java professionals are in huge demand because of the fact that it is comparatively unique compared to other development languages. From the graphical representation that has been provided above, it is evident that AngularJS is in the top position of Java Scripts.

The progress of the job market of AngularJS is going really well promising bright job prospects in the future. AngularJS has achieved really impressive statistics in terms of usage and popularity in comparison with its business rivals almost holding a monopoly over other java frameworks.

The requirement of skilled AngularJS developers

Gaining appreciable popularity in web development also meant the need for talented professionals who can meet the expectations of the enterprise. Many prominent web developers have revealed that a professional with [Hadoop](#) and AngularJS skills in their functional CV is highly sought after as to crack their needs and obtain a secure place in their enterprise.

Massive salary packages

According to payscale, the standard pay of an AngularJS developer is 425,863 per annum in India. The pay of the professional is highly affected by the experience that the professional holds in the field. The salary of AngularJS developers in the UK slightly varies in different surveys conducted by various sites. According to Glassdoor, it is 40,600 Euros per year but according to StackOverflow, it is 44,000 Euros per year. A pay that will fill your pockets big time and helps you grow as a developer alongside is always a good asset in the eyes of an employee.

Future prospects of AngularJS

AngularJS has gone through many stages of transition ever since its invention. The most anticipated version of AngularJS is yet to be out i.e. AngularJS2 and the IT sector is impatiently waiting for its release with bated breath. Angular 2.0 is creating a lot of hum by merging with Microsoft and what makes it more anticipating is the fact that in this version, many of the concepts will be simplified which will ease the difficulty of learning AngularJS.

To sum up, AngularJS2 or Angular 2.0 guarantees better performance by removing certain modules and the version will be focusing more on the progress of mobile apps. With the stable release of Angular 2.0,

developers can bid goodbye to \$scope and welcome @components. This version will support the latest JavaScript which is ES6 which will be highly beneficial to .NET developers.

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