

BASH Scripting

BASH is a command line language. The name stands for **Bourne Again SHell**. It is an open source version of the Bourne Shell and was first released in 1989. This course intends to give you a solid foundation in how to write Bash scripts, to get the computer to do complex, repetitive tasks for you. Bash scripts are used by Systems Administrators, Programmers, Network Engineers, Scientists and just about anyone else who uses a Linux/ Unix system regularly. No matter what you do or what your general level of computer proficiency is, you can generally find a way to use Bash scripting to make your life easier.

You Must Know!

Duration:

40 Hours

Who should attend?

Anyone willing to make their career in Linux environment.

Main Topics:

- Syntax
- Arithmetics
- Algorithms
- Network Programming

Course modules

Module 1 – Introduction

- Unix Systems Overview
- Shell Scripting Idea
- Bash Interpreter and Others
- What is a Sha-Bang?
- Invoke Your First Script

Module 2 – Learn The Syntax

- Special Characters
- Naming Conventions
- Commands and Parameters
- Expressions and Logical Operators
- Arithmetics

Module 3 – Basics First

- Variables
- What is Null?
- Dealing With Strings
- Exit & Exit Status
- File Names and Permissions
- Script Execution
- Path Types
- Input & Output

Module 4 – Making Algorithms

- Conditional Statements: What If?
- Nested If/Then
- Files Operators
- Functions
- Comparisons
- Case Statements
- Loops: For & While

Module 5 - Moderate Topics

- Internal Variables
- Declare vs Typeset
- Random
- Strings Manipulation
- Aliases
- Arrays
- Network Programming



המרכז הבינלאומי
ללימודי הייטק וחדשנות

* 6377

מתקדמים
לקריירה בהייטק



Microsoft Partner
Gold Learning



קמפוסים בפריסה ארצית:

באר שבע

רחוב האנגריה 77
פארק ההייטק

ירושלים

רחוב יפו 34

רחובות

רחוב אופנהיימר 5
פארק המדע

תל אביב

ראול ולנברג 36
קריית עתידים