# What do introductory programming sites look like?

<https://www.python.org/about/gettingstarted/>

Welcome! Are you [completely new to programming](http://wiki.python.org/moin/BeginnersGuide/NonProgrammers)? If not then we presume you will be looking for information about why and how to get started with Python. Fortunately an experienced programmer in any programming language (whatever it may be) can pick up Python very quickly. It's also easy for beginners to use and learn, so [jump in](http://wiki.python.org/moin/BeginnersGuide/NonProgrammers)!

Screen shots: none

Front menu: about, downloads, documentation, community, success stories, news, events

Front page: installing, learning, looking for something specific, FAQ, looking to help

There’s a huge list of “how to get started” which seems grossly pointless (why not spend time making just a few of them really nice)

<http://smallbasic.com/>



Front menu: blog curriculum, student testimonies, facebook, help, tutorial, reference, wiki, programming e-books, developer reference, beginning, FAQ, about, program gallery, extensions

Front page: thee sample programs (each includes an “Import ID”) for collision physics and two games (soko ban and tetris). Announcements and forum threads at the bottom.

e-books. There are five: developers reference, beginning, programming games, programming home projects, and BASIC Computer Games – small basic edition. The books are OK and cost $40 (!) for 600 pages of text. The curriculum has been downloaded 1276 times (which is not a lot)

apps: (home projects): stopwatch, loan assistant, flash cards, multiple choice exam, weight monitor, blackjack, home inventory, snowball toss.

<http://www.pascal-programming.info/index.php>

Welcome to Pascal Programming Website - a website which is particularly developed to help you learn the pascal programming language very quickly and interactively! Enjoy surfing this website and get yourself reading the lessons built purposely for those who would like to get themselves familiar and capable of writing structured Pascal programs.

Front menu: guestbook (sign+view), invite friends, web site awards, forum, source codes, downloads, link, about me

Side menu: home, lesson index, and then lesson 1..12 and then “articles”

<http://www.exam.gr/pascal/Docs/tutorial1/intro.html>

Welcome to *Learn Pascal*! This tutorial is a simple, yet complete, introduction to the Pascal programming language. It covers all of the syntax of standard Pascal, including pointers.

If you're in a rush to get started, or if you're searching for information on a specific feature of Pascal, you can go directly to the [Table of Contents](http://www.exam.gr/pascal/Docs/tutorial1/contents.html) to select any lesson in the tutorial.

I have tried to make things are clear as possible. If you don't understand anything, try it in your Pascal compiler and tweak things a bit. Pascal is a syntactically-strict language. This means that if you make a mistake, the compiler will stop and inform you of the error. Except when you're using files, there's practically no way for you to completely screw up your computer.

Font menu: download compiler, history of pascal, start tutorial, contents, index, email me.

<https://www.edx.org/course/introduction-computer-programming-part-1-iitbombayx-cs101-1x-0>

# Introduction to Computer Programming, Part 1

This nine-week course provides students with a foundation in Computer Programming.

Front menu: all about signing up for an official course ($25 for a certificate)

<https://www.khanacademy.org/computing/computer-programming/programming/intro-to-programming/a/learning-programming-on-khan-academy>

In this course, we'll be teaching the concepts of the **JavaScript** programming language and the cool functions you can use with it in the **ProcessingJS** library. Before you dig in, here's a brief tour of how we teach programming here on Khan Academy, and how we think you can learn the most.

Normally, we teach on Khan Academy using videos, but here in programming land, we teach with something we call **"talk-throughs"**. A talk-through is like a video, but it's actually interactive- you can pause at any time if you want to play with the code yourself, and you can spin-off if you want to make your own version of what we made.  Here's an animated GIF of a talk-through (there will be sound in the actual talk-throughs!):

Front menu: limited

<http://fsharp.org/>

F# is a mature, open source, cross-platform, functional-first programming language. It empowers users and organizations to tackle complex computing problems with simple, maintainable and robust code.

Front menu: home, learn, use, guides, contribute, foundation

Front page includes getting started, testimonials, news, industry support

Ebooks: lots of papers, all academic and related to subtle issues

# Where are the other calculators? (2012)

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **Category** | **Rating** | **Notes** |
| SubneTRO Calc | Tools |  | Does network calc (e..g, "what is the broadcast address" and /CIDR stff |
| Slim Calc | Tools |  | Very basic; snaps |
| HE REsistor | Tools |  | Just does the resistor code |
| Calc BMI | Tools |  | Basic BMI |
| RPN Calc | Tools |  | 4-function rpn |
| HE Tip Calc | Tools |  | Splits the tab |
| BMI Calc | Health & Fitness | 1 | Very basic; metric only |
| Basic Calc | Tools | 3 | 4-function; handles keyboard input including keypad (but + sign not recognized) |
| Calc4Win | Productivity | 3.5 (144!) | Full function (scientific) calc; cluttered display; some people have trouble with unusual entry mode |
| Calc (chinese) | Tools |  | Basic 4-function |
| CalcTrek | Productivity | 3.5 | Scientific; snaps; vista-type color scheme |
| Ohm's law | Tools | 4.5 | P=iv v=ir |
| Super Calculator | Tools |  |  |