

Basic Machines And How They Work

Universal basic income Lowrey, Annie (2018). , without a means test or need to perform work. A UBI would be received independently of any other income. Give People Money: How a Universal Basic Income Would End Poverty, Revolutionize Work, and Remake the World. If the level is sufficient to meet a person's basic needs (i. There have been numerous pilot projects, and. e. ISBN 978-1524758769 Universal basic income (UBI) is a social welfare proposal in which all citizens of a given population regularly receive a minimum income in the form of an unconditional transfer payment, i. Crown. , at or above the poverty line), it is considered a full basic income; if it is less than that amount, it is called a partial basic income. e. In contrast, a guaranteed minimum income is paid only to those who do not already receive an income that is enough to live on. As of 2025, no country has implemented a full UBI system, but two countries—Mongolia and Iran—have had a partial UBI in the past 877a6247c2

TI BASIC (TI 99/4A) of the TI-99 platform, TI BASIC was most notable for its extremely slow performance, roughly half that of common machines, but conversely sported high TI BASIC is an ANSI-compliant interpreter for the BASIC programming language built into the 1979 Texas Instruments TI-99/4 home computer and its improved 1981 version, the TI-99/4A 877a6247c2

BASIC They wanted to enable students in non-scientific fields to use computers. on these machines, often 4 KB, a variety of Tiny BASIC dialects were also created. At the time, nearly all computers required writing custom software, which only scientists and mathematicians tended to learn. Kemeny and Thomas E. Kurtz at Dartmouth College in 1964. The original version was created by John G. BASIC was available for almost any system of the era and became the BASIC (Beginners' All-purpose Symbolic Instruction Code) is a family of general-purpose, high-level programming languages designed for ease of use 877a6247c2

Screw 877a6247c2 Wheel and axle 877a6247c2

Commodore BASIC Some Commodore BASIC variants supplied BLOAD and BSAVE commands that worked like their counterparts in Applesoft BASIC, loading or Commodore BASIC, also known as PET BASIC or CBM-BASIC, is the dialect of the BASIC programming language used in Commodore International's 8-bit home computer line, stretching from the PET (1977) to the Commodore 128 (1985). differs between machines 877a6247c2

Pulley 877a6247c2

Race Against the Machine " Given Race Against the Machine is a non-fiction book from 2011 by Erik Brynjolfsson and Andrew McAfee about the interaction of digital technology, employment and organization. manufacturing and even scientific discovery," they write, "the key to winning the

race is not to compete against machines but to compete with machines. The full title of the book is: Race Against the Machine: How the Digital Revolution Is Accelerating Innovation, Driving Productivity, and Irreversibly Transforming Employment and the Economy 877a6247c2

The original PET version was very similar to the original Microsoft implementation with few modifications. BASIC 2.0 on the C64 was also similar, and was also seen on C128s (in C64 mode... 877a6247c2 The language was distributed as an 8 KB ROM cartridge for use with the 1979 Atari 400 and 800 computers. Starting with the 600XL and 800XL in 1983, BASIC is built into the system. There are three versions of the software: the original cartridge-based "A", the built-in "B" for the 600XL/800XL, and the final "C" version in late-model XLs and the XE series. They only differ in terms of stability, with revision "C" fixing the bugs of the previous two. 877a6247c2 In contrast to most BASICs found on contemporary microcomputers, TI BASIC does not trace its history to Microsoft BASIC, but was instead developed in-house following the emerging Minimal BASIC standard being created by ANSI and ECMA. This was, in turn, based on the original Dartmouth BASIC from the 1960s. There are a number of differences, sometimes subtle, between TI BASIC and the more common MS varieties. 877a6247c2 Minimal BASIC lacks a number of features that are commonly found on contemporary BASICs, and Texas Instruments later introduced the TI Extended BASIC cartridge that enhanced the functionality accessible to BASIC... 877a6247c2 In addition to the programming language, Kemeny and Kurtz developed the Dartmouth Time-Sharing System (DTSS), which allowed multiple users to edit and run BASIC programs simultaneously on remote terminals. This general model became popular on minicomputer systems like the PDP-11 and Data General Nova in the late 1960s and early 1970s. Hewlett-Packard... 877a6247c2

Tiny BASIC Tiny BASIC was intended to be a completely free version of BASIC that would run on the same early microcomputers. expensive and typical memory size was only 4 to 8 KB. While the minimal version of Microsoft's Altair BASIC would also run in 4 KB machines, it left only Tiny BASIC is a family of dialects of the BASIC programming language that can fit into 4 or fewer KBs of memory. Tiny BASIC was designed by Dennis Allison and the People's Computer Company (PCC) in response to the open letter published by Bill Gates complaining about users pirating Altair BASIC, which sold for \$150 877a6247c2

Atari BASIC BASIC. At the time they were finishing Cromemco 16K Structured BASIC for the Z80-based Cromemco S-100 bus machines. It includes keywords for Atari-specific features and lacks support for string arrays. Developers Kathleen O'Brien and Paul Atari BASIC is an interpreter for the BASIC programming language that shipped with Atari 8-bit computers. Unlike most American BASICs of the home computer era, Atari BASIC is not a derivative of Microsoft BASIC and differs in significant ways 877a6247c2

IBM BASIC Source code could be entered with a full-screen editor, and limited facilities were provided for rudimentary program debugging. IBM also released a version of the Microsoft BASIC compiler. They are known as Cassette BASIC, Disk BASIC, Advanced BASIC (BASICA), and Cartridge BASIC. Versions of Disk BASIC and Advanced BASIC were included with IBM PC DOS up to PC DOS 4. They are known as Cassette BASIC, Disk BASIC, Advanced BASIC (BASICA), and Cartridge BASIC. The IBM Personal Computer BASIC, commonly shortened to IBM BASIC, is a programming language first released by IBM with the IBM Personal Computer, Model 5150 (IBM PC) in 1981. Microsoft BASIC interpreter, licensed from Microsoft for the PC and PCjr. In addition to the features of an ANSI standard BASIC, the IBM versions offered support for the graphics and sound hardware of the IBM PC line. IBM released four different versions of the

Microsoft BASIC interpreter, licensed from Microsoft for the PC and PCjr 877a6247c2

Simple machine In general, they can be defined as the simplest mechanisms that use mechanical advantage (also called leverage) to multiply force. Usually the term refers to the six classical simple machines that were defined by Renaissance scientists: „simple machines“, often using terms like basic machines, compound machines, or machine elements to distinguish them from the classical simple machines above A simple machine is a mechanical device that changes the direction or magnitude of a force 877a6247c2

Tiny BASIC was released as a specification, not an implementation, published in the September 1975 issue of the PCC newsletter. The article invited programmers to implement it on their machines and send the resulting assembler language implementation back for inclusion in a series of three planned newsletters. Li-Chen Wang, author of Palo Alto Tiny BASIC, coined the... 877a6247c2 The first work on Basic English was written by two Englishmen, Ivor Richards of Harvard University and Charles Kay Ogden of the University of Cambridge in England. The design of Basic English drew heavily on the semiotic theory put forward by Ogden and Richards in their 1923 book The Meaning of Meaning. 877a6247c2 Simple machines can... 877a6247c2

Basic English presented in Ogden's 1930 book Basic English: A General Introduction with Rules and Grammar. The first work on Basic English was written by two Englishmen Basic English (a backronym for British American Scientific International and Commercial English) is a controlled language based on standard English, but with a greatly simplified vocabulary and grammar. It was presented in Ogden's 1930 book Basic English: A General Introduction with Rules and Grammar. It was created by the linguist and philosopher Charles Kay Ogden as an international auxiliary language, and as an aid for teaching English as a second language 877a6247c2

A simple machine uses a single applied force to do work against a single load force. Ignoring friction losses, the work done on the load is equal to the work done by the applied force. The machine can increase the amount of the output force, at the cost of a proportional decrease in the distance moved by the load. The ratio of the output to the applied force is called the mechanical advantage. 877a6247c2 Lever 877a6247c2 Despite the Atari 8... 877a6247c2 The core is based on 6502 Microsoft BASIC, and as such it shares many characteristics with other 6502 BASICS of the time, such as Applesoft BASIC. Commodore licensed BASIC from Microsoft in 1977 on a "pay once, no royalties" basis after Jack Tramiel turned down Bill Gates' offer of a \$3 per unit fee, stating, "I'm already married," and would pay no more than \$25,000 for a perpetual license. 877a6247c2 Wedge 877a6247c2 Inclined plane 877a6247c2 Ogden's Basic, and the concept... 877a6247c2

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