Computer Science History Milestones

Computer Science History · Answer Key · 12 Questions

1. Which computer, completed in 1941 by Konrad Zuse, is widely considered the first functional, program-controlled, fully automatic digital computer?

A) Z3
B) ENIAC
C) Harvard Mark I
D) Colossus

2. In 1952, Grace Hopper created the first compiler for a computer programming language. What was the name of this system?

A) A-0 System
B) FORTRAN
C) FLOW-MATIC
D) COBOL

3. Who is credited with writing the first algorithm intended to be processed by a machine, specifically for Charles Babbage's Analytical Engine?

A) Ada Lovelace
B) Grace Hopper
C) Alan Turing
D) Herman Hollerith

4. What was the first high-level programming language to be commercially implemented, released by IBM in 1957?

A) FORTRAN
B) LISP
C) ALGOL
D) BASIC

5. The term 'bug' to describe a computer error became popularized after Grace Hopper's team found a moth in which specific machine in 1947?

A) Harvard Mark II
B) UNIVAC I
C) ENIAC
D) EDSAC

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6. In 1969, the first message was sent over ARPANET between UCLA and SRI. What was the intended word, of which only the first two letters were transmitted before the system crashed?

A) LOGIN
B) HELLO
C) START
D) SYSTEM

7. Which invention by Jack Kilby and Robert Noyce in the late 1950s laid the foundation for modern miniaturized computing?

A) Integrated Circuit
B) Transistor
C) Microprocessor
D) Vacuum Tube

8. What was the name of the first electronic, general-purpose digital computer, which was kept secret by the US military until 1946?

A) ENIAC
B) EDVAC
C) IAS machine
D) ACE

9. Douglas Engelbart is famous for demonstrating the first computer mouse in 1968. What was the original casing material of this prototype?

A) Wood
B) Plastic
C) Metal
D) Bakelite

10. In 1971, Intel released the 4004. What was the historical significance of this specific chip?

A) First commercially available microprocessor
B) First 64-bit CPU
C) First chip with cache memory
D) First RISC processor

11. Which network protocol suite, adopted as the standard for ARPANET on January 1, 1983, marks the 'official' birth of the modern Internet?

A) TCP/IP
B) OSI model
C) X.25
D) IPX/SPX

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12. Before the World Wide Web, which system developed at CERN in 1980 by Tim Berners-Lee allowed for information sharing via 'hyperlinks'?

A) ENQUIRE

B) Gopher

C) WAIS

D) HyperCard