

C99 Fundamentals

Assessment Fact Sheet

Overview

The C Fundamentals test measures the candidate's knowledge of programming in C. Designed for entry-level programmers, this test includes the following topics: Arrays, C Expressions, Compiler Operations, Debugging and Error Handling, Functions, Input/Output, Pointers, and Program Statements.

Job Level	Individual Contributor
Job Family/Title	Application Developer, Programmer

Details

Average Testing Time (minutes)	20 minutes
Allowed Time (minutes)	90 minutes
Maximum Number of Questions	30 questions
Designed for Remote Testing	Yes
Question Format	Adaptive, Multiple Choice
Product Category	Information Technology

Knowledge, Skills, Abilities and Competencies Measured

Measures the knowledge of the following C Fundamentals 8 topics:

- Arrays
- C Expressions
- Compiler Operations
- Debugging and Error Handling
- Functions
- Input/Output
- Pointers
- Program Statements

Example Questions

Which one of the following describes a C character string?

a	<input type="radio"/>	A contiguous sequence of characters terminated by and including the first null character
b	<input type="radio"/>	A sequence of printable ASCII characters
c	<input type="radio"/>	A sequence of char objects in EBCDIC format
d	<input checked="" type="radio"/>	A sequence of char objects in ASCII format
e	<input type="radio"/>	Any pointer to type char

shl PREVISOR Time Remaining for this Question: 0h : 2m : 46s Next Exit C_FUND_BB_1102 POWERED BY shl

Example Reports

Test: C Fundamentals This report is confidential and its contents are intended to assist in the prediction of an applicant's work behavior. If you would like more information about this interpretive report or other products, please contact your account representative.						
Score: 4.24 Proficiency Level: Advanced (3.51 - 4.50) The candidate has mastered the basic concepts of C Fundamentals (Arrays, Pointers) and intermediate C Fundamentals concepts (Compiler Operations, C Expressions, Program Statements, Functions). The candidate is likely proficient with more advanced C Fundamentals concepts such as: <ul style="list-style-type: none"> • Debugging and Error Handling • Input/Output At the Advanced level, the candidate will be capable of working on projects involving C Fundamentals and will be capable of mentoring others on most projects in this area.						
Percentile Comparisons The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.						
Percentile Comparisons						
				Percentile	<div> <div>Low</div> <div>Medium</div> <div>High</div> </div>	
Global Population				98	<div> <div>30</div> <div>70</div> <div>100</div> </div>	
Detail Item Results						
Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct
1	C_FUND_BB_2038	Arrays	Passing Arrays to Functions	Basic	151.4	Yes
2	C_FUND_BB_1012	C Expressions	Variables	Intermediate	86.7	No
3	C_FUND_BB_1349	Functions	Character Functions	Intermediate	45.7	Yes
4	C_FUND_BB_1066	Debugging and Error Handling	Debugging	Advanced	23.5	Yes
5	C_FUND_BB_0071	Input/Output	Formatted Output	Advanced	39.3	Yes
6	C_FUND_BB_2068	C Expressions	Variables	Intermediate	27.9	Yes
7	C_FUND_BB_2091	Compiler Operations	Compiling	Intermediate	77.9	Yes
8	C_FUND_BB_2092	Compiler Operations	Compiling	Intermediate	55.3	Yes
9	C_FUND_BB_2082	Compiler Operations	Compiling	Intermediate	58.5	Yes
10	C_FUND_BB_2065	Functions	Character Functions	Intermediate	60.8	Yes
11	C_FUND_BB_0249	Program Statements	Casting and Implicit Casting	Intermediate	53.7	Yes