

CS508 Quiz no 1 Dated 26, 2013

Solved Correctly

A language evaluation criteria includes following factors EXCEPT

Select correct option:

Modularity

The more is the Simplicity of a language, the more it will always be readable.

Select correct option:

False

Simplicity has another dimension as well. If a language is very simple then its level may also be decreased as it may lose abstraction. In that case, it will be difficult to write and read algorithms in that language.

Following are some of the reasons for studying concepts related to different programming languages EXCEPT

Select correct option:

Increased capability to design communication links

It is always better to find out the mistakes in the code at _____.

Select correct option:

Run time

In SONOBOL 2 spaces can be used, the purpose of 1st space is for ____ and 2nd for

Select correct option:

String concatenation, Pattern matching

_____ was considered good for describing algorithms.

Select correct option:

ALGOL

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For immediate value assignment ____ sign is used.

Select correct option:

%

&

\$

*

Following are imperative languages EXCEPT

Select correct option:

LISP

Indirect referencing in SONOBOL is same as of ____ in C.

Select correct option:

Arrays

Pointers

Aliasing

Stack

Smalltalk was the first purest _____ language and pioneered graphical user interface.

Select correct option:

object oriented

structured

procedural

functional

The more is the Simplicity of a language, the more it will always be readable.

Select correct option:

True

False

“Everything for everybody” was the motive of the language

Select correct option:

COBOL

LISP

PL/1

JAVA

In SONOBOL 2 spaces can be used, the purpose of 1st space is for ____ and 2nd for

Select correct option:

Pattern matching, String Concatenation

String concatenation, Pattern matching

The space operator in SNOBOL has ____ precedence than arithmetic operators.

Select correct option:

Lower

Higher

Too much simplicity in language design can also cause problems.

Select correct option:

True

False

SNOBOL was designed for _____ purpose.

Select correct option:

String manipulation

AI

Business

Scientific

A space is used as ___ for concatenation.

Select correct option:

Variable

String

Data Type

Operator

Readability is increased by adding several different features/ constructs in the language for performing same task.

Select correct option:

True

False

Initial version of SONOBOL only supports _____ and string.

Select correct option:

Digits

Exponential Numbers

Real Numbers

Integer

_____ is concerned with maintenance and debugging. This is a very important concern because if maintenance cost is reduced, the overall cost on the software will also be reduced.

Select correct option:

Readability

Writability

Orthogonality

Portability

Reliability of a language addresses following concepts/ factors EXCEPT

Select correct option:

Type checking

Array bounds checking

Exception handling

Language development environment

Learning the implementation details of a language helps in the efficient use of that language.

Select correct option:

True

False

Computer architecture has a major influence on the design of programming language.

Select correct option:

True

False

First language that provided the concept of Pointer data type was _____.

Select correct option:

COBOL

LISP

PL/1

JAVA

Binary operator in SONOBOL must has at least _____ spaces on both sides.

2

3

1

5

Following factors influences a portable language design EXCEPT

Computer architecture

Readability

Programmer's time

Windows XP

+ Sign is used for _____ in SONOBOL.

Select correct option:

Line Continuation

Line Breakage

Programming Language is basically a tool for instructing a computer to perform specified set of task.

True

PROLOG represent _____ paradigm.

Declarative

Formal

Functional

Algorithmic

Too much Orthogonality reduces Readability.

True

: Sign in program written in SONOBOL is used to show the ____

Line continuation

Body of the program

The declarative language among the following is

c

c++

pascal

prolog

SIZE function in SONOBOL language is used to return the size of _____

Select correct option:

String

Operator

Variable

Keyword

A language that is more orthogonal is usually more _____.

Select correct option:

Readable

Writable

Portable

Reliable

In SONOBOL can the size of the array be determined at run time.

Select correct option:

Yes

No

COBOL is mainly designed for _____.

Select correct option:

Scientific experiments

Business application

AI applications

Publishing and writing algorithm

Following are object oriented programming languages EXCEPT

Select correct option:

C++

JAVA

LISP

C#

Indirect referencing in SONOBOL is same as of ____ in C.

Select correct option:

Arrays

Pointers

Aliasing

Stack

LISP was basically developed to solve _____ problems.

Select correct option:

Artificial intelligence

Accounting

Scientific

Business