Typical compilation means programs written in high-level languages to low-level _____.

Answer (Please select your correct option)

○ Object code

○ Byted code

○ Unicode

○ Object Code and byte code

In compilation process, Hierarchical analysis is also called _____ .

Answer (Please select your correct option)

○ Parsing

○ Syntax analysis.

○ Parsing and Syntax analysis

○ None of given

IR (Intermediate Representation) stores the value of its operand in _____ .

Answer (Please select your correct option)

○ Registers

○ Memory

○ Hard disk

○ None Of given

A lexeme is a sequence of characters in the source program that is matched by the pattern for a _____ .

**no any lexeme
word available in
book**

Answer (Please select your correct option)

○ Linker

○ Token

○ Control flow

○ None of given

Parsers take _____ as input from lexical analyzer.

Answer (Please select your correct option)

○ Linker

○ Token

○ Instruction

○ None of the given

What kind of abstract machine can recognize strings in a regular set?

Answer (Please select your correct option)

○ DFA

○ NFA

○ PDA

○ None of the given

In multi pass compiler, during the first pass it gathers information about _____ .

Answer (Please select your correct option)

○ Declaration

○ Bindings

○ Static information

○ None of the given

In DFA minimization, we construct one _____ for each group of states from the initial DFA.

Answer (Please select your correct option)

○ State

○ NFA

○ PDA

○ None of given

_____ (Lexical Analyzer generator), is written in Java

page : 26   hanouts

Answer (Please select your correct option)

○ Flex

○ Jlex

Correct Answer Solved By Hadi
usmanraj20@gmail.com
03228043306

○ Complex

○ None of given

Made By: Waqar Siddhu

In Flex specification file, different sections are separated by _____ .

Answer (Please select your correct option)

○ %%

○ &&

○ ##

○ None of given

Recursive _____ parsing is done for LL(1) grammar.

Answer (Please select your correct option)

○ Decent

○ Ascent

○ Forward

○ None of the given

Alternative of the backtrack in parser is Look ahead symbol in _____ .

Answer (Please select your correct option)

○ Input

○ Output

○ Input and Output

○ None of the given.

Parser takes tokens from scanner and tries to generate _____ .

Answer (Please select your correct option)

○ Binary Search tree

○ Parse tree.

○ Binary Search tree and Parse tree.

○ None of the given

In predictive parsing table, the rows represents _____ .

Answer (Please select your correct option)

○ Terminals

○ Both non-terminal and terminals

○ Non-terminals

○ None of the given

In LL(1) parsing algorithm, _____ contains a sequence of grammar symbols.

Answer (Please select your correct option)

○ Stack

○ Link List

○ Array

○ None of the given.

Consider the grammar

$A \rightarrow B\ C\ D$
$B \rightarrow h\ B\ |\ \varepsilon$
$C \rightarrow C\ g\ |\ g\ |\ C\ h\ |\ i$
First if A is

Answer (Please select your correct option)

○ h, g, i

○ g

○ h

○ None of the given.

Consider the grammar

$$A \rightarrow B\,C\,D$$
$$B \rightarrow h\,B \mid \varepsilon$$
$$C \rightarrow C\,g \mid g \mid C\,h \mid i$$

if first of C is

Answer (Please select your correct option)

○ g, i

○ g

○ h, i

○ None of the given.

Bottom-up parsing uses only _____ kinds of actions.

Answer (Please select your correct option)

○ Two

○ Three

○ Four

○ Five

The shift action _____ a terminal on the stack.

Answer (Please select your correct option)

○　Pushes

○　Pops

○　Both push and pops

○　None of the given

Reduce action _____ zero or more symbols from the stack

Answer (Please select your correct option)

○ Pushes

○ Pops

○ Both push and pops

○ None of the given

Consider the following C++ function as an input to the Parser.

1. int* foo(int i, int j))
2. {
3. for(k=0; i j;)
4. fi(i > j)

Answer (Please click here to Add Answer)
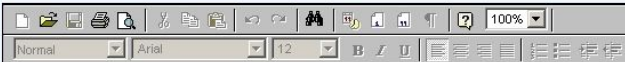
```
4. fi( i > j )
5. return j;
6. }
```

What is the syntactic error at line 4? How will Parser recognize this syntactic error?

Answer (Please click here to Add Answer)

What is upper frontier with respect to discovering handles in shift-reduce parsing?

Answer (Please click here to Add Answer)

Consider the following C++ function as an input to the Parser.

```
int* foo(int i, int j)
{
for(k=0; i < j; j++ )
if( i < j-2 )
```

Answer (Please click here to Add Answer)

```
if( i < j-2 )
sum = sum+i
return sum;
}
```

What will be the semantic errors reported by the Parser in the above code?

Answer (Please click here to Add Answer)

Considering the following grammar, calculate the first set of non-terminals S, A and B.

$S \rightarrow AB$
$A \rightarrow a | \varepsilon$
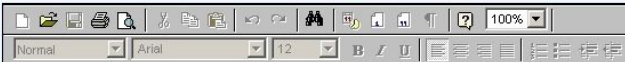$B \rightarrow b | \varepsilon$

Answer (Please click here to Add Answer)
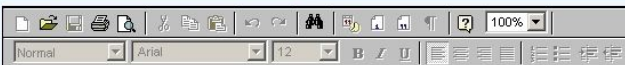
Consider the following grammar;

Statement → if expression then statement else statement
Statement → if expression then statement

You are required to provide an alternate production(s) so that it may become free from the backtracking.

Answer (Please click here to Add Answer)
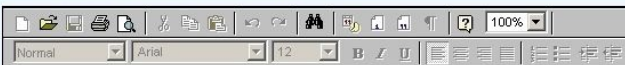
Made By: Waqar Siddhu

Considering the following grammar, reduce the string "abbcbcde" using Bottom-up parsing

S $\longrightarrow$ aABe
A $\longrightarrow$ Abc | b
B $\longrightarrow$ d

Answer (Please click here to Add Answer)

| Normal | Arial | 12 | B I U |

Any information contect us:
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