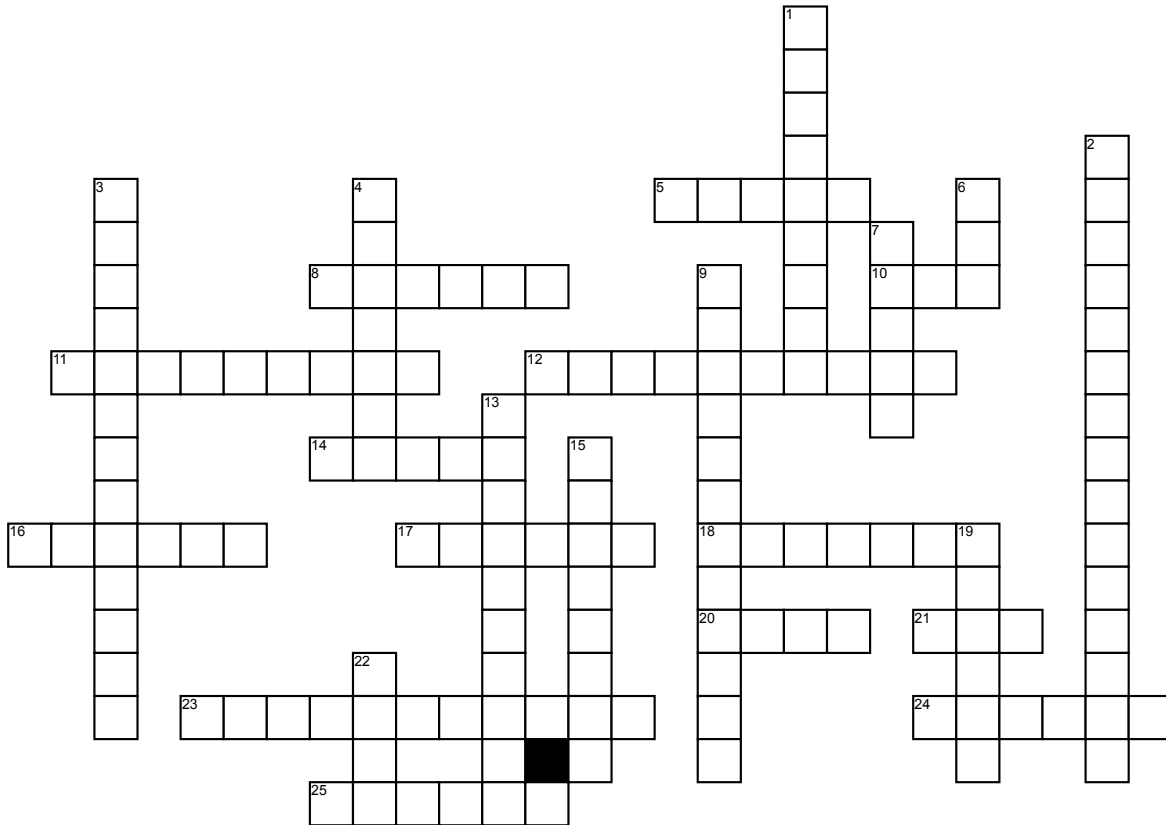


Compiler Design



Across

5. Sequence of a character having a collective meaning is known as a _____

8. The sequence of character in a source program matched with a pattern for a token is called _____

10. how many types of important classes of local transformations that can be applied to the basic block

11. The graph that shows basic blocks and their successor relationship is called _____

12. The directed acyclic graph is used to apply transformations to the _____

14. Mapping names in the source program to addresses of data objects in run-time memory are done cooperatively by the _____ end and the code generator.

16. The name compiler is primarily used for programs that translate _____ code from a high-level programming language to a lower level language

17. _____ obtains a string of tokens from the lexical analyzer and verifies that it can be generated by the language for the source program

18. . The three address statements can be implemented using the following methods are :Quadruple ,indirect triples, _____

20. . the different storage allocation strategies are static allocation,stack allocation, _____ allocation.

21. _____ is a useful data structure for implementing transformations on basic blocks

23. Which data structure in a compiler is used for managing information about variables and their attributes?

24. Relocation bits used by relocating loader are specified by _____

25. _____ item:It is a collection of items S' .S and all the items whose dots are not at the S'-.>.Sleft most end of the RHS of the rule.

Down

1. _____ items: It is a collection of items in which dots are at the leftmost end of that RHS of the rule.

2. In a compiler the module that checks every character of the source text is called:

3. In computer design _____ is used to obtain a rightmost derivation in reverse

4. In order to improve the performance of the intermediate code, we can replace these instructions by equivalent _____ instruction.

6. how many types of parser will be in compiler?

7. which allocation manages the run-time storage as a stack?

9. _____ is the activity of filling up unspecified information of labels using appropriate semantic actions in during the code generation process

13. The state from where the automata starts is known as _____

15. _____ optimization is a simple and effective technique for locally improving target code

19. which allocation is lays out storage for all data objects at compile time.

22. Many of these transformations are useful for improving the quality of the _____