Assignment 8

Due on 2020-03-10, 23:59:59 ET

1. Type checking checks the input:
   a) syntactically
   b) semantically
   c) both
   d) none of the above

2. No, the answer is incorrect. No accepted answers.

3. This program passes a function call such that the first and the third arguments are integers while the second one is not. The type expression for the expression must be:
   a) `Integer + Integer * Integer`
   b) `Integer + Integer + Integer`
   c) `Integer + Integer : Integer`
   d) `Integer + Integer + Integer : Integer`

4. No, the answer is incorrect. Accepted answers:

5. String literal check can be done:
   a) syntactically
   b) semantically
   c) syntactically and semantically
   d) none of the above

6. No, the answer is incorrect. Accepted answers:

7. Type expression checker checks:
   a) Two types expressions are same or not
   b) Two typers are same or not
   c) Two types expressions are not same or not
   d) All of the above

8. No, the answer is incorrect. Accepted answers:

9. Type of a statement is:
   a) void
   b) type error
   c) void or type error
   d) none of the other options

10. No, the answer is incorrect. Accepted answers:

11. Type checking done for the compiler to:
   a) syntax
   b) meaning
   c) both syntax and meaning
   d) none of the other options

12. No, the answer is incorrect. Accepted answers:

13. Small programming languages are weakly typed since:
   a) each language can be used to write compiler
   b) some type errors cause runtime dynamically
   c) both of the other options
   d) none of the other options

14. No, the answer is incorrect. Accepted answers:

15. For strongly typed languages:
   a) compile type checking is done
   b) compile static checking is done
   c) both of the other options
   d) none of the other options

16. No, the answer is incorrect. Accepted answers:

17. Type checking available in many programming languages in an example of:
   a) Type checking
   b) Type coercing
   c) Type coercing and Type checking
   d) none of the other options

18. No, the answer is incorrect. Accepted answers:

19. The type expression (Integer + Integer) + Integer & Integer corresponds to:
   a) a function that takes an integer and an integer as arguments and returns an integer
   b) a function that takes an integer and an integer as arguments and returns a result of an operation
   c) a function that takes an integer and an integer as arguments and returns a function
   d) none of the above

20. No, the answer is incorrect. Accepted answers: