

## C Programming Questions and Answers – Variable Names – 1

This section on C interview questions and answers focuses on “Variable Names”. One shall practice these interview questions to improve their C programming skills needed for various interviews (campus interviews, walkin interviews, company interviews), placements, entrance exams and other competitive exams. These questions can be attempted by anyone focusing on learning C Programming language. They can be a beginner, fresher, engineering graduate or an experienced IT professional. Our C Interview questions come with detailed explanation of the answers which helps in better understanding of C concepts.

Here is a listing of C interview questions on “Variable Names” along with answers, explanations and/or solutions:

1. C99 standard guarantees uniqueness of \_\_\_\_ characters for internal names.

- a) 31
- b) 63
- c) 12
- d) 14

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Answer:b

Explanation:ISO C99 compiler may consider only first 63 characters for internal.

2. C99 standard guarantess uniqueness of \_\_\_\_ characters for external names.

- a) 31
- b) 6
- c) 12
- d) 14

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Answer:a

Explanation:ISO C99 compiler may consider only first 31 characters for external

variables having 31 characters due to which it may not be unique.

3. Which of the following is not a valid variable name declaration?

- a) int \_\_a3;
- b) int \_\_3a;
- c) int \_\_A3;
- d) None of the mentioned

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Answer:d

Explanation:None.

4. Which of the following is not a valid variable name declaration?

- a) int \_a3;
- b) int a\_3;
- c) int 3\_a;
- d) int \_3a

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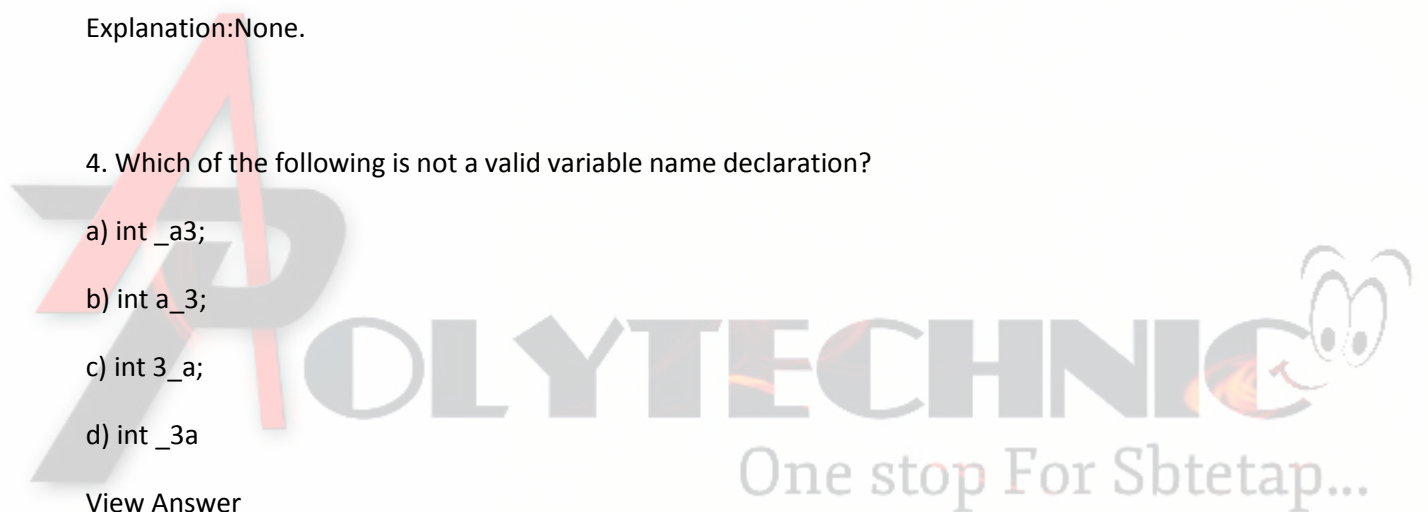
Answer:c

Explanation:Variable name cannot start with a digit.

5. Variable names beginning with underscore is not encouraged. Why?

- a) It is not standardized
- b) To avoid conflicts since assemblers and loaders use such names
- c) To avoid conflicts since library routines use such names
- d) To avoid conflicts with environment variables of an operating system

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Answer:c

Explanation:None.

6. All keywords in C are in

- a) LowerCase letters
- b) UpperCase letters
- c) CamelCase letters
- d) None

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Answer:a

Explanation:None.

7. Variable name resolving (number of significant characters for uniqueness of variable) depends on

- a) Compiler and linker implementations
- b) Assemblers and loaders implementations
- c) C language
- d) None

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Answer:a

Explanation:It depends on the standard to which compiler and linkers are adhering to.

8. Which of the following is not a valid C variable name?

- a) int number;
- b) float rate;
- c) int variable\_count;
- d) int \$main;

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Answer:d

Explanation:Since only underscore and no other special character is allowed in a variable name, it results in an error.

9. Which of the following is true for variable names in C?

- a) They can contain alphanumeric characters as well as special characters
- b) It is not an error to declare a variable to be one of the keywords(like goto, static)
- c) Variable names cannot start with a digit
- d) Variable can be of any length

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Answer:c

Explanation:According to the syntax for C variable name, it cannot start with a digit.

