

Loops in C Programming

- 1) Which of the following is an entry-controlled loop?
- A) do-while ~~B) while~~ C) switch D) goto.
- 2) Which loop executes at least once time?
- A) for B) while ~~C) do-while~~ D) nested loop
- 3) What is the correct syntax of a for loop?
- ~~A) for (i=0; i<10; i++)~~ C) for(i=0; i<10)
- B) for (i<10; i++) ~~D) for (i++)~~
- 4) Which keyword is used to exit from a loop immediately?
- A) exit ~~B) break~~ C) continue D) return
- 5) What is the output of the loop?
- For (int i=1; i<=3; i++) printf ("%d", i); ~~A) 123~~
- A) 123 B) 0123 C) 111 D) 321
- 6) Which keyword skips the remaining statements of loop iteration?
- A) break ~~B) continue~~ C) stop D) exit

7) A loop inside another loop is called?

- A) Nested loop
- B) Double loop
- C) Group loop
- D) Multi-loop

8) How many times will the below loop run?

For (int i=0; i<5; i++) * A)

- A) 4
- B) 5
- C) 6
- D) infinite

9) What type of loop is best when the number of iteration is known?

- A) while
- B) do-while
- C) for
- D) nested

10) What is the output?

int i=5; while(i<5) printf("Hi"); * A)

- A) "Hi"
- B) Hi Hi
- C) Infinite Hi
- D) No output

11) Which loop checks the condition first before execution?

- A) do-while
- B) while
- C) for and while
- D) goto

12) The do-while loop condition ends with:

- A) Comma
- B) Semicolon(;)
- C) colon(:)
- D) braces{ }

13) Which is the correct syntax for a do-while loop?

- A) do {} while (condition)
- B) do () while {} condition};
- C) do {} while (Condition);
- D) do while (Condition)

14) What is the output?

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for (int i=1; i<5; i++) { printf("c"); } A) cccccc
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- A) ccccccc B) C C) No output D) Error

15) If the condition is always true in a loop, it is called?

- A) Quick loop B) Strong loop C) Infinite loop
D) Last loop

16) Which loop is more suitable for menu-driven programs?

- A) for B) while C) do-while D) switch.

17) Can loops be nested in C?

- A) yes B) no C) only for loop D) only while loop

18) What is the output?

int i=1; while(i<=3){printf("%d",i); i++;}

- A) 123 B) 111 C) 321 D) infinite

19) What is the purpose of the ~~continues~~ Statement?

- A) Ends the loop B) ~~skips~~ Current iteration.
C) Starts new loop D) stops Program

20). In C Language, loops are used for

- A) Repetition B) Decision Making only
C) File handling D) None