

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 one 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) u
```

A) u 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?

for (int i=1; i<=5; i++); printf("c"); **A) cccccc

- A) cccccc 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) 1 2 3~~ B) 1 1 1 C) 3 2 1 D) infinite

19) What is the purpose of the continue 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