

6 Lecture - CS201

Important Mcqs

- 1. Which of the following is not a type of loop structure?**
 - A) For loop
 - B) While loop
 - C) Repeat loop
 - D) Do-while loop

Answer: C) Repeat loop
- 2. Which loop structure is best suited for situations where the loop must be executed at least once?**
 - A) For loop
 - B) While loop
 - C) Do-while loop
 - D) All of the above

Answer: C) Do-while loop
- 3. Which loop structure executes its body at least once before evaluating the loop condition?**
 - A) For loop
 - B) While loop
 - C) Do-while loop
 - D) All of the above

Answer: C) Do-while loop
- 4. Which loop structure is typically used when the number of iterations is known in advance?**
 - A) For loop
 - B) While loop
 - C) Do-while loop
 - D) All of the above

Answer: A) For loop
- 5. Which keyword is used to skip the rest of the current iteration in a loop structure?**
 - A) Continue
 - B) Break
 - C) Skip
 - D) Exit

Answer: A) Continue
- 6. Which keyword is used to exit the loop structure immediately?**
 - A) Continue
 - B) Break
 - C) Skip
 - D) Exit

Answer: B) Break

7. Which of the following statements is true regarding nested loop structures?

- A) Nested loop structures are not allowed in most programming languages.
- B) Nested loop structures can only be used with for loops.
- C) Nested loop structures can increase the time complexity of a program.
- D) None of the above.

Answer: C) Nested loop structures can increase the time complexity of a program.

8. Which of the following is an infinite loop?

- A) `for (int i = 0; i < 10; i++)`
- B) `while (true) {}`
- C) `do {} while (false);`
- D) None of the above.

Answer: B) `while (true) {}`

9. Which loop structure can be used to iterate over elements of an array?

- A) For loop
- B) While loop
- C) Do-while loop
- D) All of the above

Answer: A) For loop

10. Which loop structure is best suited for situations where the number of iterations is not known in advance?

- A) For loop
- B) While loop
- C) Do-while loop
- D) All of the above

Answer: B) While loop