

# 5 Lecture - CS401

## Important Mcqs

1. Which of the following control structures is used to execute a block of code repeatedly until a specific condition is met?

- A) if-else statement
- B) switch statement
- C) for loop
- D) while loop

Answer: D) while loop

Which of the following statements is used to transfer control to a different part of the program?

- A) if statement
- B) switch statement
- C) break statement
- D) continue statement

Answer: C) break statement

Which of the following control structures is used to execute a block of code repeatedly for a specific number of times?

- A) if-else statement
- B) switch statement
- C) for loop
- D) while loop

Answer: C) for loop

Which of the following control structures is used to execute a block of code based on the evaluation of a Boolean expression?

- A) if-else statement
- B) switch statement
- C) for loop
- D) while loop

Answer: A) if-else statement

Which of the following statements is used to terminate the current iteration of a loop and continue with the next iteration?

- A) if statement
- B) switch statement
- C) break statement
- D) continue statement

Answer: D) continue statement

Which of the following statements is used to define a default case in a switch statement?

- A) default:
- B) else:

C) case default:

D) case else:

Answer: A) default:

**Which of the following control structures is used to execute a block of code only if a specific condition is true?**

A) if-else statement

B) switch statement

C) for loop

D) while loop

Answer: A) if-else statement

**Which of the following statements is used to exit a loop when a specific condition is met?**

A) if statement

B) switch statement

C) break statement

D) continue statement

Answer: C) break statement

**Which of the following control structures is used to execute a block of code repeatedly as long as a specific condition is true?**

A) if-else statement

B) switch statement

C) for loop

D) while loop

Answer: D) while loop

**Which of the following statements is used to transfer control to a different part of the program based on a specific condition?**

A) if statement

B) switch statement

C) break statement

D) goto statement

Answer: D) goto statement (Note: goto statement is generally discouraged in modern programming due to its potential to cause confusion and make code harder to read and maintain.)