

C Programming Assignment - 25

1. What is meant by the term **sequence** in programming? Explain with a small example.
2. Why is **selection** important in programming languages?
3. Differentiate between **entry-controlled** and **exit-controlled** loops with examples.
4. Explain the role of the **initialization, condition, and increment/decrement** parts in a **for** loop.
5. What happens if the **condition** in a **while** loop is always true?
6. What happens if the **condition** in a **while** loop is false from the beginning?
7. What is an **infinite loop**? Give an example.
8. What are the advantages of using a **switch** case over multiple **if-else-if** conditions?
9. What are the limitations of the **switch** statement in C?
10. Can we use a **float** variable inside a **switch** case? Why or why not?

