### 🔸 ****Tokens, Keywords, Identifiers****

1. **What is a token in C?** How many types of tokens are there?
2. **What are identifiers?** Can a keyword be used as an identifier?
3. **What's the difference between a valid and invalid identifier? Give examples.**
4. **Is C case-sensitive? How does that affect identifiers?**
5. **What are some common mistakes while naming variables?**

### 🔸 ****Data Types and Modifiers****

1. **What are the basic data types in C?**
2. **What’s the difference between** int **and** unsigned int**?**
3. **Explain the use of** short**,** long**,** signed**, and** unsigned**.**
4. **What happens if you store a negative value in an unsigned variable?**
5. **How is memory affected when you use modifiers like** short **or** long**?**

### 🔸 ****Input/Output (scanf, printf)****

1. **Why do we use** & **in** scanf() **but not in** printf()**?**
2. **Why is** " %[^\n]" **used in** scanf() **for reading strings?**
3. **What are format specifiers? Can you list the common ones?**
4. **What is the output of** printf("%d", 'A');**?**
5. **How can you read a full sentence using** scanf()**? Why doesn’t** %s **work with spaces?**

### 🔸 ****Type Casting****

1. **What is the difference between implicit and explicit type casting?**
2. **What will be the output of this:**

int a = 5;

float b = 2;

printf("%f\n", a / b);

1. **What is the role of** (float) **in** (float)a / b**?**
2. **What happens when you cast a float to int?**
3. **What is type promotion and why is it important in expressions?**