

Quiz Questions | Answers

Module 3 | Lesson 3.3 – Querying and mutating listings data with GraphQL

1. Which of the following statements best describe what the GraphQL ID scalar type is?

- A: It is used to represent the type of a field as a double-precision floating-point value.
- B: It is used to represent a unique identifier and gets serialized as the GraphQL String scalar type.
- C: It is identical to the GraphQL String type and can be used interchangeably.
- D: GraphQL ID is not a default scalar type.

Answer: B - It is used to represent a unique identifier and gets serialized as the GraphQL String scalar type.

2. Why would the following name field throw an error when queried in certain cases?

```
const query = new GraphQLObjectType({
  name: "Query",
  fields: () => ({
    name: {
      type: GraphQLNonNull(GraphQLString),
      args: {
        id: { type: GraphQLID }
      },
      resolve: (obj, args) => {
        const { id } = args;
        return id ? getUser(id).name : null;
      }
    }
  })
});
```

- A: Querying the name field will always return either the name of the appropriate user or null so it won't ever throw an error.
- B: GraphQL forbids returning null values from object fields.
- C: We've used the GraphQLNonNull wrapper to state that the name field should always be defined and never to be null. When an id argument isn't provided, we return null from our resolver function which will trigger a GraphQL execution error.
- D: The GraphQLNonNull wrapper does not exist in the GraphQL JS library.

Answer: C - We've used the GraphQLNonNull wrapper to state that the name field should always be defined and never to be null. When an id argument isn't provided, we return null from our resolver function which will trigger a GraphQL execution error.

3. Which of the following defines a potentially null list type where the values in the list can never be null but of type User?

- A: GraphQLNonNull(GraphQLList(GraphQLNonNull(User)))
- B: GraphQLNonNull(User)
- C: GraphQLList(User)
- D: GraphQLList(GraphQLNonNull(User))

Answer: D - GraphQLList(GraphQLNonNull(User))