

Section 3: The Magnificent Type System of Rust

Now that you are done with the videos of section 3, let's assess your learning. Here, are a few questions, followed by 4 options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

Q1. Which one of the following mechanism is used to access data without taking ownership over it in Rust?

- a. Coercion
- b. Borrow Checker
- c. Overloading
- d. Wrapping

Q2. Which of the following in Rust allow sharing but not mutation?

- a. Mutable references
- b. Freezing
- c. Aliasing
- d. Immutable references

Q3. Observe the following code snippet. The given code is used to define a trait in Rust:

```
____ trait_eg{  
    fn function_name(&____) -> f64;  
}
```

Complete the above code with appropriate keyword.

Q4. Which of the following keyword allows you to replace complicated if/else groupings with something more powerful in Rust?

- a. Static
- b. Type
- c. Match
- d. switch