Code Review Checklist Exercise

### **Generate Code Review Checklist Prompt for JavaScript:**

"As a developer, I am creating a JavaScript code review checklist for my team to use. I want to ensure that we catch common mistakes and adhere to best practices to improve the quality of our code. Can you generate a checklist that includes 10 items, covering topics such as variable naming conventions, function modularity, error handling, use of strict mode, and asynchronous programming? Please provide explanations and examples for each item to help us understand why it is important and how to implement it correctly."

### **Generate Code Review Checklist Prompt for Python:**

"As a developer, I am creating a Python code review checklist for my team to use. I want to ensure that we catch common mistakes and adhere to best practices to improve the quality of our code. Can you generate a checklist that includes 8 items, covering topics such as PEP 8 compliance, effective use of list comprehensions, proper module imports, and leveraging Pythonic constructs? Please provide explanations and examples for each item to help us understand why it is important and how to implement it correctly."

### **Generate Code Review Checklist Prompt for Java:**

"As a developer, I am creating a Java code review checklist for my team to use. I want to ensure that we catch common mistakes and adhere to best practices to improve the quality of our code. Can you generate a checklist that includes 12 items, covering topics such as class and method naming conventions, encapsulation and abstraction practices, exception handling, and use of Java 8 features like streams and lambdas? Please provide explanations and examples for each item to help us understand why it is important and how to implement it correctly."

### **Generate Code Review Checklist Prompt for C#:**

"As a developer, I am creating a C# code review checklist for my team to use. I want to ensure that we catch common mistakes and adhere to best practices to improve the quality of our code. Can you generate a checklist that includes 9 items, covering topics such as adherence to C# naming conventions, proper use of LINQ, efficient memory management, and leveraging asynchronous programming with async/await? Please provide explanations and examples for each item to help us understand why it is important and how to implement it correctly."

### **Generate Code Review Checklist Prompt for Ruby:**

"As a developer, I am creating a Ruby code review checklist for my team to use. I want to ensure that we catch common mistakes and adhere to best practices to improve the quality of our code. Can you generate a checklist that includes 7 items, covering topics such as following Ruby style guide conventions, effective use of blocks and iterators, DRY (Don't Repeat Yourself) principles, and secure data handling? Please provide explanations and examples for each item to help us understand why it is important and how to implement it correctly."