

1. Write a JavaScript function named `gradeChecker` that takes a numerical grade as input and returns the corresponding letter grade according to the following grading scale:

- A: 90-100
- B: 80-89
- C: 70-79
- D: 60-69
- F: 0-59

Your function should handle invalid inputs (grades below 0 or above 100) by returning "Invalid Grade".

2. Write a function that checks if a given number is positive, negative, or zero.
3. Create a function that determines if a given year is a leap year.
4. Write a program that determines if a given number is even or odd.
5. Implement a function that checks whether a given character is a vowel or consonant.
6. Write a program that calculates the total cost of a shopping cart based on items and their prices, applying discounts if applicable.
7. Implement a function that checks if a given number is prime.