Assignment on Conditional Statements Using C Programming

1. Check if year is a leap year
2. Check if a character is a vowel or consonant
3. Write a program that converts a number (0-99) into its English word representation.
   For example: 23 → "twenty three", 5 → "five"
4. Write a program that calculates income tax based on these brackets:
   Up to $10,000: 5%, $10,001-$50,000: 10%, $50,001-$100,000: 15%, Above $100,000: 20%
5. Write a program that takes three sides of a triangle and determines if it's:
   Equilateral (all sides equal), isosceles (two sides equal), or scalene (no sides equal)
6. Write a program that checks if a given year is a leap year or not.
   A year is a leap year if it's divisible by 4 but not by 100, unless it's also divisible by 400.
7. Write a program that takes a character as input and determines if it's a vowel or consonant.