Lab Exercise (If statements)

1. Write a program that:
   - Prompts user to enter an integer number
   - Read in user input
   - If the number is a multiple of 4, output "The number # is a multiple of four", otherwise output "The number # is not a multiple of 4"
        Where # is replaced by the user input

2. Write a program that:
   - Get two double variables from the user
   - If 1st number is greater than the 2nd, output: "1st number is greater than 2nd number."
   - Otherwise, if 1st number is smaller than the 2nd, output: "1st number is smaller than 2nd number."
   - Otherwise, output: "Two numbers are equal."

3. Write a program that:
   - It asks the user to enter an integer.
   - If the entered number is even it divides the number by 2.
   - Otherwise the program multiplies the number by 3 and adds 1.
   - It prints the result.

Here is an example of how the program should work:
        Enter an integer: 5
        The answer is: 16