1. What happens when myBisect is used to find the root of sin function between 2 and 3 with tolerance 1?

2. What happens when myBisect is used to find the root of sin function between 3 and 4 with tolerance 1?

3. What happens when mySecant is used to find the root of sin function between 2 and 3 with tolerance 1?

4. What happens when mySecant is used to find the root of sin function between 3 and 4 with tolerance 0.5?

5. What happens when simpsons is used to find the area under the sin function between 0 and π with N=2?

6. What happens when simpsons is used to find the area under the sin function between 0 and π with N = $10^8$?

7. Consider the following code designed to take two strings. What does it test for? That is, exactly when does it return true?

```matlab
function result = enigma (A , B )
    result = true;
    for i=1:length(A)
        if sum( A==A(i) ) ~= sum( B==A(i) )
            result = false;
        end
    end
end
```