

QUIZ 2

Name: _____

netID: _____

Tick the correct output. Some questions have been marked as Multiple choice, the rest have one correct answer.

```
1. i = 1;
   while (i < 10)
       i = i + 1
   end
```

A. Numbers from 2 to 10	B. Numbers from 1 to 10
C. No output	D. Numbers from 1 to 11

```
2. Complete the for loop such that 'hello' gets printed 10 times (Multiple choice)
   for _____
       disp('hello');
   end
```

A. i = 1:5	B. i = 2:11
C. i = 1:10	D. i < 10

```
3. A = [1, 2, 3, 4, 5];
   for i = 1 : length(A)
       for j = 0 : 1
           fprintf('%d, ', A(i)^2 );
       end
   end
```

A. 1,2,3,4,5	B. 1,1,4,4,9,9,16,16,25,25
C. error	D. 1,4,9,16,25

```
4. function f = squareTest(N)
   s = N * N;

   end

   squareTest(2)
```

A. Nothing will be printed	B. 2
C. 4	D. 4.00

```
5. function [x1, x2] = solveQuadratic(a, b, c)
   %ax^2 + bx + c = 0
   D = b * b - 4 * a * c;
   x1 = (-b + sqrt(D)) / 2 / a;
   x2 = (-b - sqrt(D)) / 2 / a;

   end
```

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```
[p,q] = solveQuadratic(1,2,1);
```

How many input and output arguments are there respectively?

A. 2 and 3	B. 2 and 2
C. 3 and 2	D. 3 and 0

6. A = 1; B = 0;
~((A & B) | (A | B))

A. 0	B. error
C. 1	D. None

7. A = 2;
A = square(A);
A = sqrt(A);
disp(A);

A. 2	B. 4
C. 1.4142	D. None

8. A = 10; B = 9;
disp(A == B)
disp(B = A)

A. 0 0	B. True True
C. 0 10	D. 10 0

9. Tick the code that would produce this output
1+2=3

A. 1+2	B. fprintf('1+2=%d',1+2)
C. 1+2;	D. fprintf('1+2')

10. Tick the code that would produce this output (*Multiple Choice*)

1 2 3 4

A. for i = 1:4 fprintf('%d \ ', i); end	B. for i = 4:7 fprintf('%d \ ', i-3); end
C. i = 1; while i <= 4 fprintf('%d \ ', i); i = i + 1; end	D. while i < 4 fprintf('%d \ ', i); end