multipled.m ✕ +

```matlab
1   x = 5;
2   y = 3;
3
4   result = x * y;
5
6   disp(['x * y = ', num2str(result)]);
7
```

Command Window

New to MATLAB? See resources for Getting Started.

```
>> multipled
x * y = 15
>>
```

```matlab
1 -    x = 10;
2 -    y = 3;
3
4 -    sum = x + y;
5 -    difference = x - y;
6 -    product = x * y;
7 -    quotient = x / y;
8
9
10 -    disp(['x + y = ', num2str(sum)]);
11 -    disp(['x - y = ', num2str(difference)]);
12 -    disp(['x * y = ', num2str(product)]);
13 -    disp(['x / y = ', num2str(quotient)]);
14
15
16
17
```

Command Window

New to MATLAB? See resources for Getting Started.

```
>> questiontwo
x + y = 13
x - y = 7
x * y = 30
x / y = 3.3333
fx >> |
```

```matlab
    number = input('Enter a number: ');

    if mod(number, 2) == 0
        fprintf('%d is an even number.\n', number);
    else
        fprintf('%d is an odd number.\n', number);
    end
```

mmand Window

ew to MATLAB? See resources for Getting Started.

```
>> questionthree
Enter a number: 7
7 is an odd number.
>>
```

```matlab
1
2 -     number = 3;
3
4
5
6 -    for i = 1:10
7 -        multiple = number * i;
8 -        fprintf('%d x %d = %d\n', number, i, multiple);
9 -    end
10
```

```
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
fx >>
```

```matlab
1 -     v = 1:5;
2
3 -     fprintf('Vector v: %s\n', mat2str(v));
4
5 -     sum_result = sum(v);
6 -     fprintf('Sum of elements in vector v: %d\n', sum_result);
```

Command Window

New to MATLAB? See resources for Getting Started.

```
>> questionfive
Vector v: [1 2 3 4 5]
Sum of elements in vector v: 15
fx >>
```