1 Function

Write a function which takes two numbers and calculates both their sum and product without displaying anything.

2 Smallest of three numbers

In the following:

```matlab
function [small] = small3(a,b,c)
    if (a < b & a < c)
        small = a;
    elseif (b < a & b < c)
        small = b;
    else
        small = c;
    endif

    Provide one set of (a,b,c) illustrating a problem with the above, where it determines an incorrect smallest value.

a = 
b = 
c = 
```

3 Loops

What is the value in result after the following statements?

```matlab
result = 0;
for i=1:6
    result = result + i;
end
```