

C++ Class 2023
Assignment #4: Functions

Write 5 functions:

FindArea – takes 2 integers, calculates the area and returns it

FindVolume – takes 3 integers, calculates the volume and returns it

FindMaxInt – takes 3 integers, finds the maximum number and returns it

FindMinInt – takes 3 integers, finds the minimum number and returns it

FindPower – takes base and exponent values as integers, calculates result and returns it
Please use FOR LOOP to find power

In Main, execute these calls:

```
FindArea (3, 4) ;  
  
FindVolume (3, 4, 5) ;  
  
FindMaxInt (2, 3, 4) ;  
FindMaxInt (10, 6, 9) ;  
FindMaxInt (-2, -1, -4) ;  
  
FindMinInt (7, 2, 4) ;  
FindMinInt (-1, 0, 1) ;  
FindMinInt (7, 6, 5) ;  
  
FindPower (2, 3) ;  
FindPower (3, 2) ;  
FindPower (4, 0) ;
```

Finally,

- 1) Output Area
- 2) Output Volume
- 3) Output sum of MaxInts
- 4) Output sum of MinInts
- 5) Output sum of Powers