

2.19 (*Arithmetic, Smallest and Largest*) Write a program that inputs three integers from the keyboard and prints the sum, average, product, smallest and largest of these numbers. The screen dialog should appear as follows:

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Input three different integers: 13 27 14
Sum is 54
Average is 18
Product is 4914
Smallest is 13
Largest is 27
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2.20 (*Diameter, Circumference and Area of a Circle*) Write a program that reads in the radius of a circle as an integer and prints the circle's diameter, circumference and area. Use the constant value 3.14159 for π . Do all calculations in output statements. [*Note:* In this chapter, we've discussed only integer constants and variables. In Chapter 3 we discuss floating-point numbers, i.e., values that can have decimal points.]

2.24 (*Odd or Even*) Write a program that reads an integer and determines and prints whether it's odd or even. [*Hint:* Use the modulus operator. An even number is a multiple of two. Any multiple of two leaves a remainder of zero when divided by 2.]

2.28 (*Digits of an Integer*) Write a program that inputs a five-digit integer, separates the integer into its digits and prints them separated by three spaces each. [*Hint*: Use the integer division and modulus operators.] For example, if the user types in 42339, the program should print:

4	2	3	3	9
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