|  |  |  |
| --- | --- | --- |
| B-Day | Drill | Answer |
| Aug 26 | 9th Grade Only |  |
| Aug 28 | A mouse and a keyboard are connected to the computer (CPU) through. . . p. 6 | Port |
| Sep 01 | Explain why Java programs run no matter what the operating system. | Platform Independent |
| Sep 03 | List the four steps of developing an algorithm. p. 23-24 | Determine input and output  Break problem into pieces  Pseudocode each piece Test pseudocode |
| Sep 08 | What was Java originally designed for? p. 25 | Consumer Devices |
| Sep 10 | When using System.out.print(), does the compiler interpret spaces differently than tab? | Yes |
| Sep 15 | In Java, explain the significance of “type.” p. 34 | They are required in order to determine what operations can be carried out on the variable |
| Sep 17 | A variable has a . ., a . . , and a . . p. 36 | Type, name, contents |
| Sep 21 | Describe the relationship between objects, classes, and methods. p. 41 | An object is a value that you can manipulate by calling one or more of its methods. The type an object in a class. |
| Sep 24 | Differentiate between accessor methods and mutator methods. p. 48 | Accessor methods access information about it, without changing the object.  Mutator methods modify the internal data of an object. |
| Sep 28 | Comments should be written for every (4). p. 90 | Class, method, parameter, and return value |
| Sep 30 | Explain the purpose of unit testing. p. 98 | Testing in isolation outside of a program |
| Oct 02 | If a drawing can occur more than once, a should be made for it. p. 106 | class |
| Oct 06 | Java has eight primitive types, including four types and two floating-point types. p. 128 | integer |
| Oct 08 | Why do rounding errors occur? p. 129 | Because exact conversion is not possible |
| Oct 12 | What is the value of 2179 % 100? | 79 |
| Oct 14 | Why is white space important inside an expression? p. 144 | Allows easier reading by the programmer |
| Oct 19 | Write a println statement for “You are ” and a variable adjective. p. 150 | System.out.println(“You are “ + adjective); |
| Oct 21 | When substring is used, the first position value is p. 151 | 0 |
| Oct 23 | Describe the purpose of the Scanner class. p. 156 | To allow for user input |
| Oct 27 | Why is a prompt important when using the Scanner class? p. 156 | To inform the user of the type of data required by the system |
| Oct 29 | How do you convert a String to a number when input is from a console prompt? p. 160 | Cast it as an integer |