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| **Skill 27.01 Exercise 1** |
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| **Skill 27.01 Exercise 2** |
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| **Skill 27.01 Exercise 3** |
| Central High School keeps a database of information about each student, including the numeric variables numberOfAbsences and gradePointAverage. The expression below is used to determine whether a student is eligible to receive an academic award.  (numberOfAbsences ≤ 5) AND (gradePointAverage > 3.5 )  Draw a flowchart to represent the statement above. If the conditions above are met, the variable *academicAward* is true, otherwise it is false. |
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| **Skill 27.02 Exercises 1 thru 3** |
| **Basic If-Statements** |
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| **Sequential If-Statements** |
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| **Nested If-Statement** |
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| **Skill 27.03 Exercise 1** |
| Declare a variable named sale. Assign the value true to it.  Now create an if statement. Provide the if statement a condition of sale. Inside the code block of the if statement, console.log() the string 'Time to buy!'. |
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| Consider the block of code below,   * + Re-write the code and add an if-statement to the code to check the age to see if the person is old enough to drive. (In most states you need to be 16 or older).   + Display a message if the person is old enough drive.   console.log(“Driver Verification”);  var age = prompt(“Please enter your age”);  console.log(“It looks like you are old enough!”); |
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| **Skill 27.04 Exercise 1** |
| Consider the following rankings and the corresponding gpa’s. Notice the ranking is out of order! Write a program that assigns the correct person to the correct rank. Note, you can access the name and gpa of each rank with the following notation, rank1.gpa, rank1.name. For example, rank1.gpa has a value of 4.15, and rank1.name has a value of Bugs.   |  |  |  | | --- | --- | --- | |  | name | gpa | | rank1 | Bugs | 4.15 | | rank2 | Bart | 4.30 | |
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