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| **Skill 29.01 Exercise 1** |
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| **Skill 29.01 Exercise 2** |
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| **Skill 29.01 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 29.02 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 29.03 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 29.04 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 gpa to the correct rank. Note, you can access the gpa for each rank using the following notation rank1.gpa and rank2.gpa. For example, rank1.gpa has a value of 4.15 and rank2.gpa has a value of 4.30.   |  |  | | --- | --- | |  | gpa | | rank1 | 4.15 | | rank2 | 4.30 | |
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