|  |
| --- |
| **Skill 29.01 Exercise 1** |
|  |

|  |
| --- |
| **Skill 29.01 Exercise 2** |
|  |

|  |
| --- |
| **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. |
|  |

|  |
| --- |
| **Skill 29.02 Exercises 1 thru 3** |
| **Basic If-Statements** |
|  |
| **Sequential If-Statements** |
|  |
|  |
| **Nested If-Statement** |
|  |
| **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!'. |
|  |
| 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!”); |
|  |

|  |
| --- |
| **Skill 29.04 Exercise 1** |
| Consider the following students and their corresponding gpa’s. Notice their rank is out of order! Write a program that puts the students in the correct order. The gpa and rank of each student can be accessed using the following syntax: Bart.gpa, Bart.rank   |  |  |  | | --- | --- | --- | |  | **gpa** | **rank** | | var Bart | 3.5 | 1 | | var Bugs | 3.8 | 3 | | var Kyle | 3.1 | 2 | |
|  |