Exercises

1. 2D Exercise

a. In the main method, declare and populate a 2 D array of integers with the following numbers in the rows and columns as indicated

     1 2 5 4

     4 3 2 1

     5 6 7 8

     8 7 6 5

1. Method Exercise

In the main method, prompt the user to enter an integer grade between 0 and 100.

Pass this grade to a method named conversion

The conversion method will use the following logic to convert the integer grade to a letter

grade, A, B, C, D, or F according to the following logic.

If the grade is greater than or equal to 90 and less than or equal to 100 then letter grade = A

If the grade is greater than or equal to 80 and less than 90 then letter grade = B

If the grade is greater than or equal to 70 and less than 80 then letter grade = C

If the grade is greater than or equal to 60 and less than 70 then letter grade = D

If the grade is less than 60 then letter grade = F

When the letter grade is returned to the main method, the main method will pass it to a method named

printIt. The method named printIt will print the numeric grade and its equivalent letter grade

1. 1 Class/Object Exercise

In our galaxy talks example, pass the temperature of each planet. Mars is -80F, Earth is 72F and Venus is 864F