## **Test 1 (Take Home Exam)**

Due: Monday February 25 at 12Noon – One Attempt Submission

An electronic games wholesale supply company offers discounts depending on the quantities ordered. Minimun quantity is five (5) games. Each game is priced \$30. Quantity discounts are given according to the following table

Quantity	Discount
5-10	15%
11-15	20%
16-20	25%

The company also offers a further discount of 3% if the order is done during a city's holiday (see table below).

Create a Web page for this company where the customer enters the number of games he/she wants to purchase. The app should then display the amount of the discount and the total amount of the purchase after the discount. Also, if the order is done during one of the holidays then an "announcement" of the extra discount should stand out of the page.

New York State holiday name	2019	2020
New Year's Day	Tuesday, January 1	Wednesday, January 1
Dr. Martin Luther King, Jr. Day	Monday, January 21	Monday, January 20
Lincoln's Birthday	Tuesday, February 12	Wednesday, February 12
Washington's Birthday	Monday, February 18	Monday, February 17
Memorial Day	Monday, May 27	Monday, May 25
Independence Day	Thursday, July 4	Saturday, July 4
Labor Day	Monday, September 2	Monday, September 7
Columbus Day	Monday, October 14	Monday, October 12
Election Day	Tuesday, November 5	Tuesday, November 3
Veterans' Day	Monday, November 11	Wednesday, November 11
Thanksgiving Day	Thursday, November 28	Thursday, November 26
Christmas Day	Wednesday, December 25	Friday, December 25