

**INSTRUCTIONS: Write a program to do the following:**

**In-Class Exercise #1: Determine Positive or Negative**

1. #Write a Comment – The following code will .....
2. Print("Determine Number")
3. Write an **input statement** that will **prompt the user** to enter a positive or negative number (**use a descriptive prompt**).
  - a. Assign to the variable **num**.
4. Write an **if-block** statement to print the appropriate message.
5. *OUTPUT as follows:*
  - a. If **num** is positive print "Positive"
  - b. or if **num** is negative print "Negative"
  - c. or Print "Neither"

## Exercise #2: Determine Class Status

1. #Write a Comment – The following code will .....
2. Print("Class Status")
3. Write an **input statement** that will **prompt the user** to enter a number from 9-12 (**use a descriptive prompt**).
  - a. Assign to the variable **rank**.
4. Using the table below, write an **if-block** to print the appropriate Class Status.
5. *OUTPUT as follows:*

<b>rank</b>	<b>Print Class Status</b>
9	Freshmen
10	Sophomore
11	Junior
12	Senior
Any other number	Some sort of Error Message

## Exercise #3: Determine Letter Grade

1. #Write a Comment – The following code will .....
2. Print("Exam 1 Grade")
3. Write an **input statement** that will **prompt the user** to enter an Exam 1 Grade from 0-100 (use a descriptive prompt).
  - a. Assign to the variable **grade**.
4. Using the table below, use an **if-block** to print the appropriate Letter Grade.
5. *OUTPUT as follows:*

<b>grade</b>	<b>Print Letter Grade</b>
90-100	A
80-89	B
70-79	C
60-69	D
Below 60	F
Value not in the range of [0-100]	Some sort of Error Message