**PSUEDOCODE HOMEWORK CHP4 ASSIGN. 1-2**

Start

**Input** num1

**Input** num2

**If** num1greater than num2 then

**Output** “First is larger”

**Else if** num2 greater num1

**Output** “Second is larger”

**Else**

**Output** “Numbers are equal”

Stop

**PRACTICE PSUEDOCODE**

Start

**Input** Test1\_score, test2\_score, exams\_score

**Set**

final\_test1 = 78**<test1\_score>**/100\*25

Final\_test2 = 89**<test2\_score>**/100\*25

Final\_exam = 45**<exams\_score>**/100\*50

Total\_score = final\_test1 + final\_test2 + final\_exam

**If**

Final\_exam < 30 then

**Output** = “Repeat course”

**Else if** total\_score > 80 then

**Output** = “Grade A”

**Else if** total\_score < 80 and total\_score >=70 then

**Output** = “Grade: B”

**else if** total\_score < 70 and total\_score <= 60

**then** Output ‘Grade: C’

**else if** total\_score < 60 and total\_score <= 50

**then** Output ‘Grade: D’

**else if** total\_score < 50 and total\_score <= 40

**then** Output ‘Grade: E’

**else**

**then** Output ‘Grade: F’

**Assignment 4**

**START**

**set** lottery to two\_random

**input** guess\_num

**set** lot\_first to lottery // 10

**set** lot\_last to lottery % 10

**set** guess\_first to guess\_num // 10

**set** guess\_last to guess\_num % 10

**if** lottery equal guess\_num

**then** Output ‘You won D20,000’

**else if** lot\_first equal guess\_last and lot\_last equal guess\_first

**then** output ‘You won D10,000’

Else if (guess\_first equal lot\_first or guess\_first equal lot\_last) or (guess\_last equal lot\_first or guess\_last equal lot\_last)