“HomeWork 2” Justin Minsk

>>> min(2,3,4)

2

>>> max(2, -3, 7, -5)

7

>>> max(2, -3, min(4, 7), -5)

4

>>> min(max(3,4), abs(-5))

4

>>> #max(3,4) -> 4 then abs(-5) -> 5 then min(4, 5) -> 4

>>> abs(min(4, 6, max(2, 8)))

4

>>> #max(2, 8) -> 8 then min(4, 6, 8) -> 4 then abs(4) -> 4

>>> round(max(5.572, 3.258), abs(-2))

5.57

>>> #max(5.572, 3.258) -> 5.572 then abs(-2) -> 2 then round(5.572, 2) -> 5.57

def absofdiffoftwonumbers(x, y) :

"""(number, number) -> float

Minus x from y and then find the abs value of the difference.

>>>abdofdiffoftwonumbers(3, 6)

3

"""

return(abs(x-y))

def KMtoMiles(KM) :

""" (number) -> float

Take KM and convert them to miles.

>>>KMtoMiles(1.6)

1

"""

return(KM/1.6)

def gradeave(gone, gtwo, gthree, gfour) :

"""(number, number, number, number) -> float

Takes four grades and finds their average.

>>>gradeave(90, 100, 85, 76)

87.75

"""

return((gone+ gtwo+ gthree+ gfour)/4)

def weeks\_elapsed(day1, day2):

""" (int, int) -> int

day1 and day2 are days in the same year. Return the number of full weeks

taht have elapsed between the two days.

>>>weeks\_elapsed(3, 20)

2

>>>weeks\_elapsed(20, 3)

2

>>>weeks\_elapsed(8, 5)

0

>>>weeks\_elapsed(40, 61)

3

"""

return(int(abs(day1 - day2)/7))

def SuperFloatPow(num, num2, num3) :

"""(number, number, number) -> float

Takes three numbers inculding float and the first number is taken to the

second numbers power then divided by the third and the answer is the remainder

>>>SuperFloatPow(4.5, 6.4, 8.9)

7.344729065655461

"""

return((num\*\*num2)% num3)