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Pseudocode: Big Data

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def main ():

Display -Raleigh-Durham Airport Temperature Lowest Records

#calling the function

lowest\_record ()

def lowest\_record ():

Open inFile for reading (Big Data.txt)

#initializing the variable for reading the next line of information

Next = readnextLine

#making some true or false statements for the if blocks in the program

KeepGoing = False

#initializing the variables to 0

Day = 0

Year = 0

Recorded\_min = 0

While Loop End of Marker not found

#reading the next line in the while loop and splitting the lines

Next = readnextLine

Next.rstrip

word. rsplit

#making nested if statements for the program to pass once it hits the first if statement and it #tests every line in the txt file for this

IF Day is in word [0:5]

IF Day > word

KeepGoing = true

Day = The\_Day

End IF

ELIF Year is in word [0:5]

IF Year > word

KeepGoing = true

Year = The\_Year

End IF

ELIF Recorded\_min is in word [0:5]

IF Recorded\_min > word

KeepGoing = true

Recorded\_min = The\_minimum

End IF

End

Close inFile ()

Print – (“The year”, The\_Year

, The\_Day, “has the lowest Temperature”, The\_minimum)

Main ()