	ataFrame basics few of the fundamental routines for selecting, sorting, adding and aggregating data in ataFrames
Diff Not	ficulty: easy  te: remember to import numpy using:  nport numpy as np  nsider the following Python dictionary data and Python list labels:
da	<pre>ita = {'animal': ['cat', 'cat', 'snake', 'dog', 'dog', 'cat', 'snake', 'cat', 'dog', 'dog'],</pre>
4. C	is is just some meaningless data I made up with the theme of animals and trips to a vet.)  Create a DataFrame df from this dictionary data which has the index labels.  mport numpy as np  ata = {'animal': ['cat', 'cat', 'snake', 'dog', 'dog', 'cat', 'snake', 'cat', 'dog', 'dog'],
18	<pre>'age': [2.5, 3, 0.5, np.nan, 5, 2, 4.5, np.nan, 7, 3],    'visits': [1, 3, 2, 3, 2, 3, 1, 1, 2, 1],    'priority': ['yes', 'yes', 'no', 'yes', 'no', 'no', 'yes', 'no', 'no']}  abels = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j']  f = # (complete this line of code)</pre>
Dat	Display a summary of the basic information about this DataFrame and its data (hint: there is a single method that can be called on taFrame).
	Return the first 3 rows of the DataFrame df.  Select just the 'animal' and 'age' columns from the DataFrame df.
	Select the data in rows [3, 4, 8] and in columns ['animal', 'age'].
	Select only the rows where the number of visits is greater than 3.  Select the rows where the age is missing, i.e. it is NaN.
11.	Select the rows where the animal is a cat <i>and</i> the age is less than 3.
	Select the rows the age is between 2 and 4 (inclusive).  Change the age in row 'f' to 1.5.
14.	Calculate the sum of all visits in df (i.e. find the total number of visits).
	Calculate the mean age for each different animal in df.  Append a new row 'k' to df with your choice of values for each column. Then delete that row to return the original DataFrame.
17.	Count the number of each type of animal in df .
be 1	Sort df first by the values in the 'age' in decending order, then by the value in the 'visits' column in ascending order (so row is sfirst, and row d should be last).  The 'priority' column contains the values 'yes' and 'no'. Replace this column with a column of boolean values: 'yes' should be True.
and	d 'no' should be False .  In the 'animal' column, change the 'snake' entries to 'python'.
	For each animal type and each number of visits, find the mean age. In other words, each row is an animal, each column is a numb ts and the values are the mean ages (hint: use a pivot table).
Sli	ataFrames: beyond the basics ightly trickier: you may need to combine two or more methods to get the right answer
Diff The you <b>22.</b>	ficulty: <i>medium</i> e previous section was tour through some basic but essential DataFrame operations. Below are some ways that you might need to ur data, but for which there is no single "out of the box" method.  You have a DataFrame df with a column 'A' of integers. For example:
df Hov You	F = pd.DataFrame({'A': [1, 2, 2, 3, 4, 5, 5, 5, 6, 7, 7]}) w do you filter out rows which contain the same integer as the row immediately above? u should be left with a column containing the following values:  2, 3, 4, 5, 6, 7
<b>23.</b> df	Given a DataFrame of numeric values, say $F = \text{pd.DataFrame(np.random.random(size=(5, 3)))} \# a \ 5x3 \ frame \ of \ float \ values$
hov <b>24.</b>	w do you subtract the row mean from each element in the row?  Suppose you have DataFrame with 10 columns of real numbers, for example:
df Wh	= pd.DataFrame(np.random.random(size=(5, 10)), columns=list('abcdefghij'))  mich column of numbers has the smallest sum? Return that column's label.
and df	How do you count how many unique rows a DataFrame has (i.e. ignore all rows that are duplicates)? As input, use a DataFrame of dones with 10 rows and 3 columns.  F = pd.DataFrame(np.random.randint(0, 2, size=(10, 3)))
<b>26.</b> Nal	e next three puzzles are slightly harder.  In the cell below, you have a DataFrame df that consists of 10 columns of floating-point numbers. Exactly 5 entries in each row of values.  The cell below, you have a DataFrame df that consists of 10 columns of floating-point numbers. Exactly 5 entries in each row of the DataFrame, find the column which contains the third NaN value.
You ir ir na	mport pandas as pd mport numpy as np an = np.nan
	<pre>ata = [[0.04, nan, nan, 0.25, nan, 0.43, 0.71, 0.51, nan, nan],</pre>
d:	<pre>f = pd.DataFrame(data, columns=columns) write a solution to the question here a b c d e f g h i j</pre>
1 2 3	0.04       NaN       NaN       0.25       NaN       0.43       0.71       0.51       NaN       NaN         NaN       NaN       0.04       0.76       NaN       NaN       0.67       0.76       0.16         NaN       NaN       0.50       NaN       0.31       0.40       NaN       NaN       NaN       NaN       NaN       0.62       0.73       0.26       0.85       NaN       NaN       NaN         NaN       NaN       0.41       NaN       0.05       NaN       0.61       NaN       0.48       0.68
	NaN NaN 0.41 NaN 0.05 NaN 0.61 NaN 0.48 0.68  df.isnull().cumsum(axis=1)==3).idxmax(axis=1)  e c d
3 4 dt	
#	<pre>f = pd.DataFrame({'grps': list('aaabbcaabcccbbc'),</pre>
For 'B'.	The DataFrame df constructed below has two integer columns 'A' and 'B'. The values in 'A' are between 1 and 100 (inclusive).  The DataFrame df constructed below has two integer columns 'A' and 'B'. The values in 'A' are between 1 and 100 (inclusive).  The DataFrame df constructed below has two integer columns 'A' and 'B'. The values in 'A' are between 1 and 100 (inclusive).  The DataFrame df constructed below has two integer columns 'A' and 'B'. The values in 'A' are between 1 and 100 (inclusive).  The DataFrame df constructed below has two integer columns 'A' and 'B'. The values in 'A' are between 1 and 100 (inclusive).  The DataFrame df constructed below has two integer columns 'A' and 'B'. The values in 'A' are between 1 and 100 (inclusive).
	A (0, 10] 635 (10, 20] 360 (20, 30] 315 (30, 40] 306 (40, 50] 750 (50, 60] 284
	(60, 70] 424 (70, 80] 526 (80, 90] 835 (90, 100] 852
# Diff  Th bu  Diff  29.  df  For  be	f = pd.DataFrame(np.random.RandomState(8765).randint(1, 101, size=(100, 2)), columns = ["A", "B"])  write a solution to the question here  ataFrames: harder problems  nese might require a bit of thinking outside the box  ut all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit for loops).  ficulty: hard  . Consider a DataFrame df where there is an integer column 'X':  if = pd.DataFrame({'X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]})  reach value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should then  [1, 2, 0, 1, 2, 3, 4, 0, 1, 2]  ke this a new column 'Y'.
# Diff  Thbu Diff  29. df  For be	ataFrames: harder problems  these might require a bit of thinking outside the box  that all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit—for—loops).  If it is pd. DataFrame of where there is an integer column 'X':  if pd. DataFrame('X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]))  reach value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should there  [1, 2, 0, 1, 2, 3, 4, 0, 1, 2]  ke this a new column 'Y'.  29-32]  mport pandas as pd  f = pd. DataFrame(('X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]))  f  x  7
# Date   Th  bu   Difff   29.   df   For   be    Mall   1   2   3   4   5	ataFrames: harder problems  these might require a bit of thinking outside the box  at all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit—for—loops).  ficulty: hard  Consider a DataFrame df—where there is an integer column 'X:  if = pd.DataFrame({'X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]})  reach value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should there  [1, 2, 0, 1, 2, 3, 4, 0, 1, 2]  ke this a new column 'Y':  29-32]  mport pandas as pd  if = pd.DataFrame({'X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]})  f  x  7  2  0  3  4  2
# Date of the second of the se	ataFrames: harder problems  these might require a bit of thinking outside the box  at all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit for loops).  ficulty: hard  Consider a DataFrame of where there is an integer column 'X:  if a pd.DataFrame({'X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]})  each value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should there  [1, 2, 0, 1, 2, 3, 4, 0, 1, 2]  ket this a new column 'Y'.  29-32]  mport pandas as pd  f = pd.DataFrame({'X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]}))  f  x  7  2  0  3  4  2  5  0  3  4  2  5  0  3
# Diff Thbu Diff 29. df For be  Mal  1:1:d: 0 1 2 3 4 5 6 7 8 9	ataFrames: harder problems  these might require a bit of thinking outside the box  ut all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit for loops).  ficulty: hard  Consider a DataFrame of where there is an integer column 'X:  if a pd.DataFrame({'X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]})  each value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should then  [1, 2, 0, 1, 2, 3, 4, 0, 1, 2]  ket this a new column 'Y'.  29-321  mport pandas as pd  f = pd.DataFrame({'X': [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]})  f  x  7  2  0  3  4  2  5  0  3  4  2  5  0  3
# Diff Diff 29. df For be  Mal  1 2 3 4 5 6 7 8 9  30. Cre  d: 31.	ataFrames: harder problems  test might require a bit of thinking outside the box  ut all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit   for   loops).  ficulty: hard  Consider a DataFrame   ("X": [7, 2, 0, 3, 4, 2, 5, 0, 3, 4]))  reach value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should there  [1, 2, 0, 1, 2, 3, 4, 0, 1, 2]  ke this a new column "V".  29-32]  **  **  **  **  **  **  **  **  **
# Do Thbu Diff 29. df For be Mal 23. df	ataFrames: harder problems  tese might require a bit of thinking outside the box  at all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit for loops).  Riculty hard  consider a DataFrame (if where there is an integer column %:  pd. DataFrame(if where there is an integer column %:  pd. DataFrame(if where there is an integer column which contains the same value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should then  (1, 2, 8, 1, 2, 3, 4, 8, 1, 2)  ke this a new column which contains the same value and columns of numerical data.  22-32)  for a pd. DataFrame constructed below which contains rows and columns of numerical data.  ate a list of the column-row index locations of the 3 largest values in this DataFrame. In this case, the answer should be:  ((5, 7), (6, 4), (2, 5)]  f = pd. DataFrame(inpurandom, NandomState(31), Fandint(1), 101, sizee(8, 8)))  You are given the DataFrame constructed which contains face (31), Fandint(138, 38, sizee(15), "grps"; in purandom, RandomState(31), enables(if which is sizee(15), "grps"; in purandom, RandomState(31), enables(if which contains the same values as the valid any negative values in valid with the group mean:  valid grps patched, valid grps at a new column patched, valid grps patched, valid grps at a new column patched, valid grps patched, valid grps at a new column patched, valid grps patched, valid grps patched, valid grps patched, valid grps patched, valid gres
# Do Thbu Diff 29. df For be Mal 23. df	ataFrames: harder problems  tese might require a bit of thinking outside the box  that all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit   for   loops).  ficulty hand  Consider a DataFrame   df   where there is an integer column   %:    pol.DataFrame(f(** ! [7, 2, 6, 3, 4, 2, 5, 6, 3, 4]])    each value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should then  [1, 2, 6, 1, 2, 3, 4, 6, 1, 2]    ke this a new column   Y.    29-32     mport   pandam   aa   pd     f   pol.DataFrame   f(***)   f(**, 2, 0, 3, 4, 2, 5, 0, 3, 4]])    f     x     7     2     0     3     4      Consider the DataFrame constructed below which contains rows and columns of numerical data.  tate a list of the column-row index locations of the 3 largest values in this DataFrame. In this case, the answer should be:  [(5, 7), (6, 4), (2, 5)]    f   pol.DataFrame[p:random. XandomState(32)   randim(1, 10)   mizme(6, 6))    You are given the DataFrame below with a column of group IDs. 'grps'; and a column of corresponding integer values, 'vals'.    pol.DataFrame(f("vals": pp.random. RandomState(31)   randim(-30, 36, size=15),
# Do Thbu Diff 29. df For be Mal 23. df	ataFrames: harder problems  these might require a bit of thinking outside the box  at all are solvable using just the usual pandas/NumPy methods (and so avoid using explicit for loops).  ficulty, hard  Consider a DataFrame (if! where there is an integer column 'X':  in pd. DataFrame(if! X': [7, 2, 9, 3, 4, 2, 5, 8, 3, 4]})  each value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should then  [1, 2, 9, 1, 2, 3, 4, 8, 1, 2]  be this a new column 'Y.  22-22]  be this a new column 'Y.  23-22]  Consider the DataFrame (if! X': [7, 2, 2, 3, 4, 2, 5, 5, 3, 4]))  f  X  7  2  0  3  4  Consider the DataFrame constructed below which contains rows and columns of numerical data.  atter a list of the column row index locations of the 3 largest values in this DataFrame. In this case, the answer should be:  [(5, 7), (6, 4), (2, 5)]  f = pd. DataFrame (ip: random. Randomatata(30; randinc(1, 10), size=(8, 8);)  You are given the DataFrame below with a column of group IDs; 'gprs', and a column of corresponding integer values, 'vals'.  is pd. DataFrame(("vals": np. random. Randomatata(31), randinc(1, 10), size=(8, 8);)  You are given the DataFrame below with a column of group IDs; 'gprs', and a column of corresponding integer values, 'vals'.  is pd. DataFrame(("vals": np. random. Randomatata(31), randinc(1, 30, 38, size=15));  "gprs": np. random. Randomatata(31), randinc(1, 30, 38, size=15);  "gprs": np. random. Randomatata(31), randinc(1, 30, 38, size=15);  "gprs": np. random. Randomatata(31), randinc(1, 30, 38, size=15);  atta a new column packed, values' which contains the same values as the 'vals' any negative values in vals' with the group mean.  vals gprs patched, vals  0
# Do Thbu Diff 29. df For be Mal 23. df 56. 7. 8. 9. df 67. d	ataFrames: harder problems  less might require a bit of thinking outside the box  It all are subsidite using just the usual pandas/Numby methods (and so avoid using explicit. Firm   topps.  (foodly, hard  Consider a DataFrame (Eff. vir. (2, 2, 0, 3, 4, 2, 5, 9, 3, 4)))  each value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should the  (1, 2, 9, 1, 2, 3, 4, 9, 1, 2)  be this a new column "?".  155-321  ***Separation of the Stafframe Constructed below which contains rows and columns of numerical data.  ***The start of the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains rows and columns of numerical data.  **Consider the DataFrame constructed below which contains the same values in this DataFrame. In this case, the answer should be:  ((5, 7), (6, 4), (2, 5)]  **Exposite row
# Do Thbu Diff 29. df For be Mal 2 3 4 5 6 7 8 9  31. df Cre 32. >> 0 1 2	attaFrames: harder problems  bese might require a bit of thinking outside the box  trail are solvable using just the usual pandavaflum by memods (and so avoid using explicit. [66] loops)  Facility hand  Consider a Dutaffame lift, where there is an integer column X:  1 ** pub. BattaFrame**(1.17*; 17, 2, 8, 3, 4, 2, 5, 9, 3, 4])  each value, count the difference back to the previous zero (or the start of the Series, whichever is closer). These values should then  [13, 2, 9, 1, 2, 3, 4, 9, 1, 2]  for pub. BattaFrame**(1.17*; 17, 6, 3, 3, 4, 2, 5, 6, 5, 4 1)  for  X  7  2  3  4  Consider the DataFrame constructed below with contains rows and columns of numerical data.  sate a list of the column row index locations of the 3 largest values in this DataFrame. In this case, the answer should be:  [(5, 7), (6, 4), (2, 5)]  # pub. BattaFrame**(1.18**(1.10**) and column of group (b), gript, and solution of corresponding integer values. Valvi.  * p dicetaFrame**(1.18**(1.10**) prevention** Residuois State**(23) chebace**(1.18**, 1.19**))  vous are given the DataFrame choose with a column of group (b), gript, and a column of corresponding integer values. Valvi.  * p dicetaFrame**(1.18**(1.18**) prevention** ResiduoisState**(23) chebace**(1.18**, 1.19**))  vous are given the DataFrame choose with a column of group (b), gript, and a column of corresponding integer values. Valvi.  * p dicetaFrame**(1.18**(1.18**) prevention** ResiduoisState**(2.18**) chebace**(1.18**), 15(1)))  2
# Do Thbu Diff 29. df For be Mal 23.4 5 6 7 8 9  O 1 2 3 4 5 6 7 8 9  31. df Cre  32. >> 0123456789	ataFrames: harder problems use might require a bit of thinking outside the box ut all are solvable using just the usual parates/Numby methods (and to avoid using excitof lifety loops).  Italy store:    pot. ibstafframe(("X": ("7, 2, 9, 3, 4, 2, 5, 9, 3, 4]))   each value count the difference back to the previous zero for the start of the Series, whichever is dover). These values should the  [1, 2, 5, 3, 7, 3, 4, 8, 3, 2]  to this a new column V.  22-XII    pot. ibstafframe ("X": ["7, 2, 9, 3, 4, 2, 5, 5, 3, 4]))    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibstafframe constructed below which contains rows and columns of numerical data.    pot. ibst
# Diff  Diff  1 29. df  For be  Mal  1 2 3 4 5 6 7 8 9  10 1 2 3 4 5 6 7 8  10 1 2 3 4 5 6 7  10 1 2 3 4 5 6 7  10 1 2 3 4 5 6 7  10 1 2 3 4 5 6 7  10	ataFrames: harder problems  ases might require a bit of thinking outside the box  as all an accordance provide using just the assal paraea/harrely network for a overoid using explicit [for] topols.  foothy found  Condition a DataFrame (eff. of ever there is an integer column X:  1 = publisher accept (X; 1; 2, 2, 0, 3, 4, 2, 5, 6, 3, 4])  2 = dotted react value, count the difference accident to the previous zero for the start of the Series, whichever is closely. These values should the contains a column of X.  2 = 2, 0, 1, 2, 3, 4, 0, 1, 2]  but this all not column Y.  2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2
# Diff Diff 29. df Fore  Mal  12.3 4 5 6 7 8 9  31. df Cre  32. >> > 01234567891011	ataFrames: harder problems  ases might require a bit of thinking outside the box  are all on exhable using just the usual pandershumby nethroos (and to avoid using replot) [66] bopos  foods; and all on exhable using just the usual pandershumby nethroos (and to avoid using replot) [66] bopos  foods; and all of the usual pandershumby nethroos (and to avoid using replot) [66] bopos  foods; and all of the usual pandershumby nethroos (and to avoid using replot) [66] bopos  foods; and all of the usual pandershumby nethroos (and to avoid using replot) [66] bopos  and the areas coultren V.  22-22:  22-23:  23-24:  24-25:  25-25:  26-26:  27-26:  28-26:  29-36
The state of the s	attaFrames: harder problems  tese might require a bit of thinking outside the box  at a far solution is given the sour pands (Northy nerhods (ner pands) (northy solution) (if you have been a pands) (Northy northy solution) (if you have been as a integer column X:  - politicate processor (You (if x, 2, x, 3, x, 3, x, 3, x, 3, x))  te think a feet column Y.  25-221  The think a feet column Y.  25-221  The think a feet column Y.  25-221  The politicate of the processor (You (if x, 2, x, 3, x, 3, x, 3, x))  te think a feet column Y.  25-221  The think a feet column Y.  25-221  The politicate of the processor (You (if x, 2, x, 3, x, 3, x, 3, x))  to think a feet column Y.  25-221  The politicate of the politicate of the processor (if x, 3, x, 3, x, 3, x), (if x, 3, x, 3, x, 4, x, 4, x, 3, x, 4,
Thbu Diff 29. df For be Mal 12. 3. 4. 5. 6. 7. 8. 9. 10. 12. 3. 4. 5. 6. 7. 8. 9. 10. 11. The E.g. new Mal 23. 11. Th	ata Frames: harder problems  tese might require a bit of thinking outside the box  at a zer souther using set the sum paracy/web/neb/nebos prid to anotising explicit fige loops.  Consider a Destinance (infliction of thinking outside the box)  and intervence (infliction of thinking outside thinking)  (infliction of thinking outside outside the profession of the start of the Series, whichever is cover. There values should the series column YC  25-321  be this arrow column YC  25-321  by the start arrow column YC  25-321  by th
The best of the second of the	attaFrames: harder problems  sees might require a bit of thinking outside the box  at a service he elegant the outside the season and a service of participation of the season and a service he elegant the outside the season and a service he elegant the outside the season and a service he elegant the outside the season and a service he elegant the outside the outside of the season and a service he elegant the outside the season and a service he elegant the season and a sea
The best of the state of the st	attaFrames: harder problems  sees might require a bit of thinking outside the box  at all are skelche and just the sust an additional properties of the sust of the period and a resolution of the sust and additional properties of the sust of th
The best of the part of the pa	attaFrames: harder problems  see might require a bit of thinking outside the box  If all assistance are problems  Conson a food-mini (if the set the short integer out or 20 in a policy fine) to you. Integer out or 20 in a policy fine of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out or 20 in a policy fine out of the short integer out of the s
The best of the control of the contr	attaFrames: handler problems  seeming threquire a bit of thinking outside the box  and a vest table why set in usual periods flushy made is not a wait and graph; cliffed larget.  Italy Note:  Consider Solds are (iff) where there is a interpretation 7.7.  Italy Note:  Consider Solds are (iff) where there is a interpretation 7.7.  Italy Solds are (iff) where the set in interpretation 7.7.  Italy Solds are (iff) where the set in interpretation 7.7.  Italy Solds are (iff) where the set in interpretation 7.7.  Italy Solds are (iff) where the set in interpretation 7.7.  Italy Solds are (iff) where the set in interpretation 8.7.  Italy Solds are (iff) where the set in interpretation 8.7.  Italy Solds are (iff) where the set in interpretation 8.7.  Italy Solds are (iff) where the set in interpretation 8.7.  Italy Solds are (iff) where the set in interpretation 8.7.  Italy Solds are (iff) where the set interpretation 8.7.  Italy Solds are (iff) where the
# Diff  Diff  1 29. df For be  All  O 1 2 3 4 5 6 7 8 9 10 11 The  Selection  Selection  The best of the control of the contro	ata Frames: harder problems  see might require a bit of thinking outside the box  at a first source of problems  and a second problems are subtracted as a first source of the second using applied filter copic  for the second problems of the second as a first source of the second using applied filter copic  for the second problems of the second of the second using applied filter copic  for the second problems of the second of the second of the second using applied filter copic  for the second problems of the second of the seco
## Do Th but find a first series of the	ata Frames: harder problems  see might require a bit of thinking outside the box  and at season or agent you can problems without and as above above above site of the season season. The season of
## Do Th but Diff For be Mal 1 but Diff For be Mal 2 at 1	state Frames: harder problems  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require a bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  sees might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see might require bit of thinking outside the box.  see m
# Do Th but Diff For be Mal 1 but Diff Be 1 but	state Frances: harder problems  see might require a bit of thinking outside the box.  Journal of the seadown as a constitution of the seedown as a constitution of the seadown as a constitution of the seedown as a constitution of th
## Do Th biff Pan Mal 12 3 4 5 6 7 8 9 10 11 The Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec	state Frames: harder problems  sees might require a bit of thinking outside the box.  The state require any problems are an another whether the work and plant fill care?  The state require any problems are another whether the work and plant fill care?  The state require any problems are another whether the work and plant fill care?  The state require any problems are another whether any plant fill care?  The state require any problems are another whether any plant fill care?  The state require any problems are the state of the state of the state fill care when allowing the state of t
The Difference of the Second State of the Seco	state Frames: harder problems  test engints require a bit of thinking postside the box.  The state of the state of thinking postside in the control people (50) expl.  The state of the state of (1) (1), 4, 5, 6, 4, 5, 5, 5, 4, 4);  The state of (1) (1), 4, 5, 6, 6, 5, 2) (1), 5, 5, 6, 4, 4);  The state of (1) (1), 4, 5, 6, 6, 5, 2) (1), 5, 5, 6, 4, 4);  The state of (1) (1), 4, 5, 6, 6, 6, 5, 2) (1), 5, 5, 6, 6, 6, 5, 5, 6, 6, 5, 7, 6, 6, 5, 2) (1), 5, 5, 6, 6, 6, 7, 6, 7, 7, 6, 6, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,
# Do Th biff 29 df fore	state Frames harder problems  state Frames harder problems  context what engine a bit of thinking outside the box.  The state of the st
# Do Th biff 29 df For Se Se Sine Se	star Farmers   Start Care problems    star farmers   Start Care proble
# Do Th biff 29 df or be 12 3 4 5 6 7 8 9 10 1 The South	The state of the s
# Do Th biff 29 df so fee    10 1 2 3 4 5 6 7 8 9 10 1	The state of the s
# Do Th Diff So The Di	As a fire fire service between the control of the c
# Do Th biff 29. df of see    1. Jiff 29. df of see    2. Jiff 29. df of see    2. Jiff 29. df of see    2. Jiff 29.	set in process to a control of the c
# Do Th Diff 29 df or be 12 3 4 5 6 7 8 9 10 1 The South	and Frame to Employee problems  continued to the
# Do The Solution of the Solut	and a Francisco Brancisco Brancisco Brancisco State of thicking quantide the box.  Let a secure of the contract of the contrac
# Do The Solution of the Solut	Continue
# Do Th bloom of 1 2 3 4 5 6 7 8 9 10 1 The South of 1 2 3 4 5 6 7 8 9 10 The South of 1 2 3 4 5 6 7 8 9 10 The South of 1 2 3 4 5 6 7 8 9	and an anticological content and a second society of the book.  And a second society of the second society of the book.  And a second society of the second society of the book.  And a second society of the second society of the second society of the book.  And a second society of the s