

1a

Player's Name	Team at the End of 1986	Position(s) in 1986	1987 Salary in \$ Thousands
Murray, Eddie	Baltimore	1B	2460
Rice, Jim	Boston	LF	2412.5
Schmidt, Mike	Philadelphia	3B	2127.333

Looking at the table above, there are three players that make more than \$2 million.

1b

Position(s) in 1986	Position_Count
1B	31
2B	31
3B	32
C	40
CF	26
DH	16
LF	25
OF	30
RF	26
SS	30

Using the table above, we can see how many players play each position as long as the amount of players in the position is greater than 15.

1c

Division at the End of 1986	League at the End of 1986	Division_Count
East	American	85
East	National	72
West	American	90
West	National	75

There are 85 players in the American East league, 72 players in the National East league, 90 players in the American West league, and 75 players in the National West league.

1d

Player's Name	Team at the End of 1986	Years in the Major Leagues	Career Home Runs
Davis, Alan	Seattle	3	63
Van Slyke, Andy	St Louis	4	41
Doran, Bill	Houston	5	32
Jacoby, Brook	Cleveland	5	44
Schroeder, Bill	Milwaukee	4	32
Brown, Chris	San Francisco	3	24
Castillo, Carmen	Cleveland	5	32
Martinez, Carmelo	San Diego	4	49
Coles, Darnell	Detroit	4	22
Mattingly, Don	New York	5	93
Motley, Darryl	Kansas City	5	44
Pasqua, Dan	New York	2	25
Schofield, Dick	California	4	28
Slaught, Don	Texas	5	28
Strawberry, Darryl	New York	4	108
Tartabull, Danny	Seattle	3	28
Davis, Eric	Cincinnati	3	45
Stubbs, Franklin	Los Angeles	3	31
Bell, George	Toronto	5	92
Brock, Greg	Los Angeles	5	71
Davis, Glenn	Houston	3	53
Redus, Gary	Philadelphia	5	42
Walker, Greg	Chicago	5	73
Wilson, Glenn	Philadelphia	5	58
Johnson, Howard	New York	5	40
Canseco, Jose	Oakland	2	38
Carter, Joe	Cleveland	4	57
Franco, Julio	Cleveland	5	27
Presley, Jim	Seattle	3	65
Russell, John	Philadelphia	3	24
Samuel, Juan	Philadelphia	4	52
Willard, Jerry	Oakland	3	21
Bass, Kevin	Houston	5	40
McReynolds, Kevin	San Diego	4	65
Puckett, Kirby	Minneapolis	3	35

1d

Player's Name	Team at the End of 1986	Years in the Major Leagues	Career Home Runs
Sheets, Larry	Baltimore	3	36
Brown, Mike	Pittsburgh	4	23
Pagliarulo, Mike	New York	3	54
Young, Mike	Baltimore	5	54
Esasky, Nick	Cincinnati	4	55
McDowell, Oddibe	Texas	2	36
Bradley, Phil	Seattle	4	38
O'Brien, Pete	Texas	5	75
Sheridan, Pat	Detroit	5	24
Bush, Randy	Minneapolis	5	43
Deer, Rob	Milwaukee	3	44
Kittle, Ron	Chicago	5	115
Bream, Sid	Pittsburgh	4	22
Buechele, Steve	Texas	2	24
Dunston, Shawon	Chicago	2	21
Gwynn, Tony	San Diego	5	27
Hulett, Tim	Chicago	4	22
Teufel, Tim	New York	4	31
Boggs, Wade	Boston	5	32
McGee, Willie	St Louis	5	32

Id

E) Name char(18) label='Player''s Name',
 Team char(14) label='Team at the End of 1986',
 nAtBat num label='Times at Bat in 1986',
 nHits num label='Hits in 1986',
 nHome num label='Home Runs in 1986',
 nRuns num label='Runs in 1986',
 nRBI num label='RBIs in 1986',
 nBB num label='Walks in 1986',
 YrMajor num label='Years in the Major Leagues',
 CrAtBat num label='Career Times at Bat',
 CrHits num label='Career Hits',
 CrHome num label='Career Home Runs',
 CrRuns num label='Career Runs',
 CrRbi num label='Career RBIs',
 CrBB num label='Career Walks',
 League char(8) label='League at the End of 1986',
 Division char(8) label='Division at the End of 1986',
 Position char(8) label='Position(s) in 1986',
 nOuts num label='Put Outs in 1986',
 nAssts num label='Assists in 1986',
 nError num label='Errors in 1986',
 Salary num label='1987 Salary in \$ Thousands',
 Div char(16) label='League and Division',
 logSalary num label='Log Salary'

2a

Region	Product	Subsidiary	Number of Stores	Total Sales	Total Inventory	Total Returns
Pacific	Boot	Singapore	2	\$1,520	\$374	\$120
Pacific	Men's Casual	Singapore	1	\$28,761	\$89,599	\$690
Pacific	Men's Dress	Singapore	3	\$30,619	\$103,585	\$1,148
Pacific	Sandal	Singapore	1	\$2,177	\$5,897	\$35
Pacific	Slipper	Singapore	6	\$36,612	\$139,288	\$843
Pacific	Women's Dress	Singapore	5	\$40,056	\$117,217	\$1,413

2b

Region	Product	Subsidiary	Number of Stores	Total Sales	Total Inventory	Total Returns
Pacific	Women's Dress	Singapore	5	\$40,056	\$117,217	\$1,413

The shoe that had the greatest amount of sales in Singapore is the Women's Dress shoes with a total sales of \$40,056.

2c

Region	Product	Subsidiary	Number of Stores	Total Sales	Total Inventory	Total Returns
Pacific	Slipper	Singapore	6	\$36,612	\$139,288	\$843

The shoe that is sold at the most number of stores in Singapore are slippers, sold at six stores.

2d

SumInventory	AvgInventory	MinInventory	MaxInventory	Subsidiary
77820	15564	9576	20831	Bangkok
1082717	135339.6	455	469007	Seoul
15602	15602	15602	15602	Tokyo

2e

MaxSumInventory	Subsidiary
1082717	Seoul

The location with the largest sum of their inventory is Seoul.

2f

MinSumInventory	Subsidiary
15602	Tokyo

The location with the smallest sum of inventory is Tokyo.

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3A)  PlayerID char(10),
      YearID num label='Year',
      Stint num,
      TeamID char(3) label='Team',
      LgID char(2) label='League',
      G num label='Games Played',
      G_bat num label='Games Batted-In',
      AB num label='At Bats',
      R num label='Runs',
      H num label='Hits',
      _2B num label='Doubles',
      _3B num label='Triples',
      HR num label='Home Runs',
      RBI num label='Runs Batted In',
      SB num label='Stolen Bases',
      CS num label='Caught Stealing',
      BB num label='Walks',
      SO num label='Strike Outs',
      IBB num label='Intentional Walks',
      HBP num label='Hit by Pitch',
      SH num label='Sacrifice Hits',
      SF num label='Sacrifice Flies',
      GIDP num label='Grounded into Double Play',
      G_old num label='Games Played (older)'

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3b

PlayerID	Year	Team	Hits
suzukic01	2004	SEA	262
sislege01	1920	SLA	257
simmoal01	1925	PHA	253
cobbty01	1911	DET	248
sislege01	1922	SLA	246
kleinch01	1930	PHI	250
hornsro01	1922	SLN	250
odouille01	1929	PHI	254
terrybi01	1930	NY1	254

3c

MinYear	MaxYear	League
1882	1891	AA
1901	2010	AL
1914	1915	FL
1871	1875	NA
1876	2010	NL
1890	1890	PL
1884	1884	UA

3d

Home Runs	Year	PlayerID
54	1920	ruthba01
59	1921	ruthba01
60	1927	ruthba01
54	1928	ruthba01
56	1930	wilsoha01
58	1932	foxxji01
58	1938	greenha01
51	1947	mizejo01
51	1947	kinerra01
54	1949	kinerra01
51	1955	mayswi01
52	1956	mantlmi01
61	1961	marisro01
52	1965	mayswi01
52	1977	fostege01
51	1990	fieldce01
50	1995	belleal01
52	1996	mcgwima01
56	1997	griffke02
70	1998	mcgwima01
65	1999	mcgwima01
50	2000	sosasa01
73	2001	bondsba01
57	2002	rodrial01
51	2005	jonesan01
58	2006	howarry01
54	2007	rodrial01
54	2010	bautijo02