q1).

select \* from CUSTOMERSHIPADDRESS\_T where SHIPCITY like 'C%'

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SHIPADDRESSID** | **CUSTOMERID** | **TERRITORYID** | **SHIPADDRESS** | **SHIPCITY** | **SHIPSTATE** | **SHIPZIP** | **SHIPDIRECTIONS** |
| **2** | 4 | 13 | 1925 Beltline Rd. | Carteret | NJ |  |  |
| **3** | 1 | 6 | 321 Butterfly Terr | Columbus | OH |  |  |
| **4** | 1 | 6 | 7744 121 Street | Colubus | OH |  |  |

q2).

select \* from CUSTOMERSHIPADDRESS\_T where SHIPCITY like '%s';

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SHIPADDRESSID** | **CUSTOMERID** | **TERRITORYID** | **SHIPADDRESS** | **SHIPCITY** | **SHIPSTATE** | **SHIPZIP** | **SHIPDIRECTIONS** |
| **3** | 1 | 6 | 321 Butterfly Terr | Columbus | OH |  |  |
| **4** | 1 | 6 | 7744 121 Street | Colubus | OH |  |  |
| **14** | 13 | 2 | 3400 Amador Ave | Las Cruces | NM | -88001 |  |
| **17** | 9 | 5 | 100 E. Fletch | Pocahatas | OH | -39877 |  |

q3).

select SHIPADDRESS, SHIPCITY, SHIPSTATE from CUSTOMERSHIPADDRESS\_T where regexp\_like (SHIPCITY, '^[A-D]');

|  |  |  |
| --- | --- | --- |
| **SHIPADDRESS** | **SHIPCITY** | **SHIPSTATE** |
| **1925 Beltline Rd.** | Carteret | NJ |
| **321 Butterfly Terr** | Columbus | OH |
| **7744 121 Street** | Colubus | OH |
| **655 Rocky Point** | Denver | CO |

q4).

select SHIPADDRESS,SHIPCITY,SHIPSTATE from CUSTOMERSHIPADDRESS\_T where regexp\_like(SHIPCITY,'^C[a-z]\*t$');

|  |  |  |
| --- | --- | --- |
| **SHIPADDRESS** | **SHIPCITY** | **SHIPSTATE** |
| **1925 Beltline Rd.** | Carteret | NJ |

q5).

select SHIPADDRESS,SHIPCITY,SHIPSTATE from CUSTOMERSHIPADDRESS\_T where regexp\_like(SHIPCITY,'^C[a-z]\*s$') and regexp\_like(SHIPADDRESS,'^[0-9]{1,3}\s[a-z]\*');

|  |  |  |
| --- | --- | --- |
| **SHIPADDRESS** | **SHIPCITY** | **SHIPSTATE** |
| **321 Butterfly Terr** | Columbus | OH |

q6).

select SHIPADDRESS,SHIPCITY,SHIPSTATE,SHIPZIP from CUSTOMERSHIPADDRESS\_T

where regexp\_like(SHIPSTATE,'^C|O') and regexp\_like(SHIPZIP,'\D$')

|  |  |  |  |
| --- | --- | --- | --- |
| **SHIPADDRESS** | **SHIPCITY** | **SHIPSTATE** | **SHIPZIP** |
| **1256 One Lane** | San Diego | CA | -55555 |
| **100 E. Fletch** | Pocahatas | OH | -39877 |

q7).

select regexp\_count(CUSTOMERNAME,'a',1,'i') from CUSTOMER\_T where regexp\_like(CUSTOMERPOSTALCODE,'^\d{5}-\d{1,4}') ;

|  |
| --- |
| **REGEXP\_COUNT(CUSTOMERNAME,'A',1,'I')** |
| 3 |
| 1 |
| 0 |
| 1 |
| 0 |
| 1 |

q8).

select CUSTOMERPOSTALCODE, regexp\_replace(CUSTOMERPOSTALCODE,'(\d{5})-(\d{0,5})','Zip : (\1)\2') as "Formatted ZIPCode"

from CUSTOMER\_T where regexp\_like(CUSTOMERPOSTALCODE,'^\d{5}-{1,}')

|  |  |
| --- | --- |
| **CUSTOMERPOSTALCODE** | **Formatted ZIPCode** |
| **32601-2871** | Zip : (32601)2871 |
| **75094-7743** | Zip : (75094)7743 |
| **12209-1125** | Zip : (12209)1125 |
| **07008-3188** | Zip : (07008)3188 |
| **94206-4056** | Zip : (94206)4056 |
| **80514-4432** | Zip : (80514)4432 |

q9).

select EMPLOYEEID,regexp\_instr(EMPLOYEEID,'-')as Idxposition from EMPLOYEE\_T;

|  |  |
| --- | --- |
| **EMPLOYEEID** | **IDXPOSITION** |
| **123-44-345** | 4 |
| **332445667** | 0 |
| **454-56-768** | 4 |
| **555955585** | 0 |
| **Laura** | 0 |

q10).

select EMPLOYEEID,EMPLOYEENAME from EMPLOYEE\_T where regexp\_like(EMPLOYEENAME,'^[^L|M].\*');

|  |  |
| --- | --- |
| **EMPLOYEEID** | **EMPLOYEENAME** |
| **123-44-345** | Phil Morris |
| **454-56-768** | Robert Lewis |

q11).

select CUSTOMERPOSTALCODE,regexp\_substr(CUSTOMERPOSTALCODE,'[^-]+',1,2) as STREETCODE from CUSTOMER\_T

|  |  |
| --- | --- |
| **CUSTOMERPOSTALCODE** | **STREETCODE** |
| **32601-2871** | 2871 |
| **75094-7743** | 7743 |
| **12209-1125** | 1125 |
| **07008-3188** | 3188 |
| **94206-4056** | 4056 |
| **80514-4432** | 4432 |
|  |  |
| **31590** |  |
| **13440** |  |
| **32548** |  |
| **88001** |  |
| **60522** |  |
| **10012** |  |
| **13440** |  |

q12).

select CUSTOMERPOSTALCODE,regexp\_substr(CUSTOMERPOSTALCODE,'[^-]+',1,2) as STREETCODE from CUSTOMER\_T where regexp\_like(CUSTOMERPOSTALCODE,'-')

|  |  |
| --- | --- |
| **CUSTOMERPOSTALCODE** | **STREETCODE** |
| **32601-2871** | 2871 |
| **75094-7743** | 7743 |
| **12209-1125** | 1125 |
| **07008-3188** | 3188 |
| **94206-4056** | 4056 |
| **80514-4432** | 4432 |

q13).

select regexp\_substr('This is ReGUlaR Expression Topic Discussion','\w+',1,3) as SUBSTRING from dual

|  |
| --- |
| **SUBSTRING** |
| ReGUlaR |

q14).

select regexp\_substr('This is ReGUlaR Expression ,Topic Wise, Discussion','[^,]+',1,2) from dual

|  |
| --- |
| **REGEXP\_SUBSTR('THISISREGULAREXPRESSION,TOPICWISE,DISCUSSION','[^,]+',1,2)** |
| Topic Wise |

q15).

select PAYMENTCOMMENT from PAYMENT\_T where regexp\_like(PAYMENTCOMMENT,'^C','i')

|  |
| --- |
| **PAYMENTCOMMENT** |
| chk101 |
| cash |
| cash |
| cash |
| Cashiers Check |
| Chk1201 |
| chk 1003 |
| chk2301 |
| cash |
| Check # 343 |
| chk3001 |

q16).

select EMPLOYEEID from EMPLOYEESKILLS\_T where regexp\_like(EMPLOYEEID,'[^0-9]')

|  |
| --- |
| **EMPLOYEEID** |
| 123-44-345 |
| 123-44-345 |
| 123-44-345 |
| 123-44-345 |
| 454-56-768 |
| 454-56-768 |
| 454-56-768 |
| Laura |
| Laura |
| Laura |

q17).

select SHIPCITY from CUSTOMERSHIPADDRESS\_T where regexp\_count(SHIPCITY,'E',1,'i')=2

|  |
| --- |
| **SHIPCITY** |
| Carteret |
| Denver |

q18).

select SHIPCITY, regexp\_instr(SHIPCITY,'E',1,2,0,'i') as "Index Val" from CUSTOMERSHIPADDRESS\_T

|  |  |
| --- | --- |
| **SHIPCITY** | **Index Val** |
| **Lutz** | 0 |
| **Carteret** | 7 |
| **Columbus** | 0 |
| **Colubus** | 0 |
| **Mexico City** | 0 |
| **San Diego** | 0 |
| **Mobil** | 0 |
| **Manhattan** | 0 |
| **Las Cruces** | 0 |
| **Kodiak** | 0 |
| **Pocahatas** | 0 |
| **Denver** | 5 |