|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CODE** | **NAME** | **TYPE** | **SIZE** | **COST** | **MARGIN** | **QTY** |
| 1001 | SCHOOL CANVAS | SCHOOL | 6 | 132.50 | 2.00 | 1200 |
| 1002 | SCHOOL CANVAS | SCHOOL | 7 | 135.50 | 2.00 | 800 |
| 1003 | SCHOOL CANVAS | SCHOOL | 8 | 140.75 | 2.00 | 600 |
| 1011 | SCHOOL LEATHER | SCHOOL | 6 | 232.50 | 2.00 | 2200 |
| 1012 | SCHOOL LEATHER | SCHOOL | 7 | 270.00 | 2.00 | 1280 |

**SHOES**

**CUSTOMERS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CUST\_CODE** | **CNAME** | **ADDRESS** | **PHONE** | **CATEGORY** |
| C001 | NOVELTY SHOES | RAJA NAGAR, BHOPAL | 97878989 | **A** |
| C002 | AARAM FOOTWEAR | 31, MANGAL BAZAAR,AGRA | NULL | **B** |
| C003 | FOOT COMFORT | NEWMARKET, SAHARANPUR | 51917142 | **B** |
| C004 | POOJA SHOES | JANAKPURI , NEW DELHI | 61345432 | **A** |
| C005 | DEV SHOES | MOHANNAGAR,GHAZIABAD | NULL | **C** |

**ORDERS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ORDER\_NO** | **CUST\_CODE** | **SHOE\_CODE** | **ORDER\_QTY** | **ORDER\_DATE** | **TARGET\_DATE** |
| 1 | C001 | 1001 | 200 | 2008-12-10 | 2008-12-15 |
| 2 | C001 | 1002 | 200 | 2008-12-10 | 2008-12-15 |
| 3 | C003 | 1011 | 150 | 2009-01-08 | 2009-01-13 |
| 4 | C002 | 1012 | 250 | 2009-01-08 | 2009-01-13 |
| 5 | C001 | 1011 | 400 | 2009-01-10 | 2009-01-15 |

**Q1 Find the average margin from SHOES table.**

**A1** Select AVG (MARGIN) from SHOES;

|  |
| --- |
| AVG(MARGIN) |
| 2.600000 |

**Q2 Find the total quantity present in the stock.**

**A2** Select SUM (QTY) from SHOES;

|  |
| --- |
| SUM (QTY) |
| 10020 |

**Q3 Count the total number of records in table SHOES.**

**A3** Select COUNT (\*) from SHOES;

|  |
| --- |
| COUNT (\*) |
| 13 |

**Q4 Count the different types of shoes that the factory produces.**

**A4** Select COUNT (distinct TYPE) from SHOES;

|  |
| --- |
| COUNT (distinct TYPE) |
| 3 |

**Q5 Count the number of customers in ‘A’ category.**

**A5** Select COUNT (\*) from CUSTOMERS where CATEGORY = ‘A’;

|  |
| --- |
| COUNT (\*) |
| 2 |

**Q6 Count the number of orders of quantity more than 300.**

**A6** Select COUNT (\*) from ORDERS where ORDER\_QTY >300;

|  |
| --- |
| COUNT (\*) |
| 2 |

**Q7 Find the highest selling price of any type of shoe.**

**A7** Select MAX (COST + COST \* MARGIN/100) from SHOES;

|  |
| --- |
| MAX (COST + COST \*MARGIN/100) |
| 828.517500000 |

**Q8 Find the highest selling price of any type of shoe rounded to 2 decimal places.**

**A8** Select ROUND (MAX (COST + COST \* MARGIN/100), 2) AS “MAX .SP” from

SHOES;

|  |
| --- |
| MAX .SP |
| 733.36 |

**Q9 Display the CNAME & ADDRESS of the customers whose ORDER\_ QTY >**

**300.**

**A9** Select CNAME, ADDRESS from ORDERS, CUSTOMERS where

ORDERS.CUST\_CODE = CUSTOMERS.CUST\_CODE and ORDER\_QTY>300;

|  |  |
| --- | --- |
| CNAME | ADDRESS |
| NOVELTY SHOES | RAJA NAGAR, BHOPAL |

**Q10 Display the ORDER\_NO,** **ORDER\_QTY, NAME and COST from shoes, orders**

**Whose ORDER\_ QTY >200.**

**A10** Select ORDER\_NO, ORDER\_QTY, NAME , COSTfrom ORDERS, SHOES where

SHOE\_CODE = CODE and ORDER\_QTY>200;

|  |  |  |  |
| --- | --- | --- | --- |
| ORDER\_NO | ORDER\_QTY | NAME | COST |
| 4 | 250 | SCHOOL LEATHER | 270.00 |
| 5 | 400 | SCHOOL LEATHER | 232.50 |