IN THE ABOVE MENTIONED PAGES I ADD ALL PROBLEM STATEMENT WITH THEIR SOLUTION ..

QUESTION 1

```
1    # Question 1.
2    #List all products with a discounted price below ₹500
3
4    #Solution 1
5 •  SELECT
6        product_name
7    FROM
8        mytable
9    WHERE
0        discounted_price < 500;
```

QUESTION 2

```
1    # Question 2.
2    #Find products with a discount percentage of 50% or more.
3
4    #Solution 2.
5 •  SELECT
6        product_name
7    FROM
8        mytable
9    WHERE
10       discounted_price >= 0.50;
```

QUESTION 3

```
1    #Question 3
2    #Retrieve all products where the name contains the word "Cable.
3
4
5    #Solution 3
6 •  SELECT
7        product_name
8    FROM
9        mytable
0    WHERE
1        product_name LIKE '%cable%';
```

QUESTION 4

```
1   #Question 4.
2   #Display the difference between the average of the actual price
3   #and the discounted price for each product.
4
5   #Solution 4
6 · SELECT
7       product_name, AVG(actual_price - discounted_price)
8   FROM
9       mytable
10  GROUP BY product_name;
```

QUESTION 5.

```
1   # Question 5.
2   #Query reviews that mention
3   #"fast charging" in their content.
4
5
6   #Solution 5.
7 · SELECT
8       review_content
9   FROM
10      my_table
11  WHERE
12      review_content LIKE '%fast charging%
```

QUESTION 6

```
1    # Question 6.
2    #Identify products with a discount percentage between 20% and 40%.
3
4
5    #Solution 6.
6 ·  SELECT
7        product_name
8    FROM
9        my_table
10   WHERE
11       discount_percentage BETWEEN 0.20 AND 0.40;
```

```
1    # Question 7.
2    #Find products that have an actual price above
3    #₹1,000 and are rated 4 stars or above.
4
5
6    #Solution 7.
7 ·  SELECT
8        product_name
9    FROM
10       mytable
11   WHERE
12       actual_price > 1000 AND rating >= 4;
```

QUESTION 8

```
1   #question 8.
2   #Find products where the discounted price ends with a 9
3
4
5
6   #Solution 8.
7·  SELECT
8       product_name
9   FROM
10      mytable
11  WHERE
12      discounted_price LIKE '%9';
```

QUESTION 9

```sql
1   #Question 9.
2   #Display review contents that contains words like
3   #worst, waste, poor, or not good.
4
5   #Solution 9.
6 · SELECT
7       review_content
8   FROM
9       mytable
10  WHERE
11      review_content LIKE '%worst%'
12          OR review_content LIKE '%waste%'
13          OR review_content LIKE '%poor%'
14          OR review_content LIKE '%not good%';
```

QUESTION 10

```
1    #Question 10.
2    #List all products where the category includes "Accessories."
3
4
5    #Solution 10.
6 ·  SELECT
7        product_name
8    FROM
9        mytable
10   WHERE
11       category LIKE '%accessories%';
```

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