**7.A PHP and MySQL programme that features a book shopping form that takes in the book number, book title, price, quantity, and a option to choose the book code. The bill with the discounted amount and net bill amount is then displayed. Additionally, bill data are stored in the table. Code Discount rate 101 15% 102 20% 103 25% Any other 5% Find the discount amount and Net bill amount. Display the bill.**

**//Create database**

CREATE DATABASE bookstore;

USE bookstore;

CREATE TABLE orders (

id INT AUTO\_INCREMENT PRIMARY KEY,

book\_number VARCHAR(20) NOT NULL,

book\_title VARCHAR(255) NOT NULL,

price DECIMAL(10, 2) NOT NULL,

quantity INT NOT NULL,

book\_code INT NOT NULL,

discount\_rate DECIMAL(5, 2) NOT NULL,

discount\_amount DECIMAL(10, 2) NOT NULL,

net\_bill\_amount DECIMAL(10, 2) NOT NULL,

order\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP);

**filename.html**

<html>

<head>

<title>Book Shopping Form </title>

</head>

<body>

<h2>Book Shopping Form </h2>

<form method="POST" action="process\_order.php">

book Number<input type="text" name="book\_number" required><br><br>

book title<input type="text" name="book\_title" required><br><br>

price<input type="number" step="0.01" name="price" required><br><br>

quantity<input type="text" name="quantity" required><br><br>

book code<Select name="book\_code">

<option value="101">101</option>

<option value="102">102</option>

<option value="103">103</option>

<option value="104">104</option>

</Select><br><br>

<input type="submit" value="submit">

</form>

</body>

</html>

**process\_order.php**

<?php

$servername="localhost";

$username="root";

$password="";

$dbname="bookstore";

$conn=new mysqli($servername,$username,$password,$dbname);

if($conn->connect\_error)

{

die("connection failed:".$conn->connect\_error);

}

$book\_number=$\_POST['book\_number'];

$book\_title=$\_POST['book\_title'];

$price=$\_POST['price'];

$quantity=$\_POST['quantity'];

$book\_code=$\_POST['book\_code'];

switch ($book\_code) {

case '101':

$discount\_rate=0.15;

break;

case '102':

$discount\_rate=0.20 ;

break;

case '103':

$discount\_rate=0.25;

break;

default:

$discount\_rate=0.05;

break;

}

$discount\_amount=$price\*$quantity\*$discount\_rate;

$net\_bill\_amount=($price\*$quantity)-$discount\_amount;

$sql="INSERT INTO orders (book\_number,book\_title,price,quantity,book\_code,discount\_rate,discount\_amount,net\_bill\_amount)VALUES('$book\_number','$book\_title','$price','$quantity','$book\_code','$discount\_rate','$discount\_amount','$net\_bill\_amount')";

if($conn->query($sql)==TRUE)

{

echo "order placed successfully!<br>";

echo "discount amount:$".number\_format($discount\_amount,2)."<br>";

echo "net bill amount:$".number\_format($net\_bill\_amount,2)."<br>";

}

else

{

echo"error:".$sql. "<br>".$conn->error;

}

$conn->close();

?>

<?php

$servername="localhost";

$username="root";

$password="";

$dbname="bookstore";

$conn=new mysqli($servername,$username,$password,$dbname);

if($conn->connect\_error)

{

die("connection failed:".$conn->connect\_error);

}

$book\_number=$\_POST['book\_number'];

$book\_title=$\_POST['book\_title'];

$price=$\_POST['price'];

$quantity=$\_POST['quantity'];

$book\_code=$\_POST['book\_code'];

$sql="SELECT \* FROM orders ORDER BY order\_date DESC";

$result=$conn->query($sql);

if($result->num\_rows>0)

{

echo "<h2>order history</h2>";

echo "<table border='1'>";

echo "<tr><th>book number </th>

<th> book title </th>

<th> price </th>

<th> quantity </th>

<th> Discount amount </th>

<th> net bill amount </th>

<th> order date </th></tr>";

while($row=$result->fetch\_assoc())

{

echo "<tr>";

echo "<td>".$row['book\_number']."</td>";

echo "<td>".$row['book\_title']."</td>";

echo "<td>$".$row['price']."</td>";

echo "<td>".$row['quantity']."</td>;

echo "<td>$".number\_format($row['discount\_amount'],2)."</td>";

echo "<td>$".number\_format($row['net\_bill\_amount'],2)."</td>";

echo "<td>".$row['order\_date']."</td>";

echo "</tr>";

}

echo"</table>";

}

else

{

echo "No Order Found.";

}

$conn->close();

?>