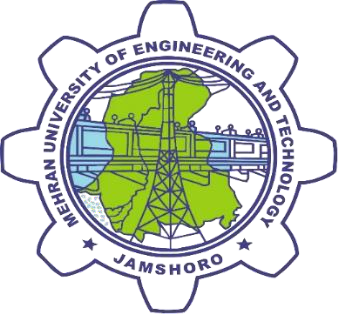
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MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SYSTEMS ENGINEERING

**OBJECT ORIENTED PROGRAMMING PROJECT**

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**JAVA PROJECT:**

**SHOPPING BILL FOR ANY KIND OF THINGS**

**A close-up of a document

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**Java program for Shopping Bill Code:**

* In this program we use List and Array List of Java Collection Classes.
* In the Product class, we have used getter methods (getXxx ()) to get the values. Since to set the properties values, we are using constructors and not modifying the product details after input therefore we are not using setter methods (setXxx ()).
* The display the product details rather than overriding the to String () method we are using the format () method. The format () method works like printf () in C, and we can also use printf () in Java. System.out.printf(“…”) and System.out.format(“…”) both works very similarly.
* In the Shopping Bill class, we have taken all the required variables and created the Scanner class object to read the input.
* To make the product size dynamic, we are using a collection rather than a normal array. We are using the do-while loop to repeat the process, which will continue until you want. In the do-while loop, first, we are reading the input values (name, quantity, and price per item). Then we are calculating the total price and adding it to the overall price.

**CODE SNIPPETS:**

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Text

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Graphical user interface, text, application

Description automatically generated

**OUTPUT:**

Text

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