

# ICS104 - LAB PROJECT

**RAED ALSHEHRI**

**201937930**

## **Items.txt file:**

```
Apples 10.50
Bananas 12.25
Cherries 25.00
Donuts 10.00
Eggs 2.50
Flowers 15.00
Grapes 20.00
Honey 150.00
Icecream 50.00
JavaCoffee 250.00
Zafron 350.00
```

---

## **promo.txt file:**

```
4
6
```

---

## **sultan.txt (input):**

```
1 2
3 2
4 5
6 3
8 2
9 1
5 30
10 3
11 2
1 1
6 1
```

---

**bill\_sultan.txt (output):**

```
=====
SN   ITEM           QTY  U.PRICE  AMOUNT
-----
1    Apples          3    10.50    31.50
3    Cherries        2    25.00    50.00
4    Donuts           5    10.00    50.00
5    Eggs             30    2.50    75.00
6    Flowers          4    15.00    60.00
8    Honey            2    150.00   300.00
9    Icecream         1     50.00    50.00
10   JavaCoffee       3    250.00   750.00
11   Zafron           2    350.00   700.00
-----
                        Sales Amount.. 2066.50
                        Discount..... 400.00
                        Total Amount.. 1666.50
                        VAT 15%..... 249.97
                        Grand Total... 1916.47
=====
```

---

**ahmad.txt (input):**

```
10 1
6 1
10 3
```

---

**bill\_ahmad.txt (output):**

```
=====
SN   ITEM           QTY  U.PRICE  AMOUNT
-----
6    Flowers          1    15.00    15.00
10   JavaCoffee       4    250.00  1000.00
-----
                        Sales Amount.. 1015.00
                        Discount.....  0.00
                        Total Amount.. 1015.00
                        VAT 15%..... 152.25
                        Grand Total... 1167.25
=====
```

---

**badr.txt (input):**

```
1 90
5 10
1 10
6 1
```

**bill\_badr.txt (output):**

SN	ITEM	QTY	U.PRICE	AMOUNT
1	Apples	100	10.50	1050.00
5	Eggs	10	2.50	25.00
6	Flowers	1	15.00	15.00
		Sales Amount..	1090.00	
		Discount.....	10.50	
		Total Amount..	1079.50	
		VAT 15%.....	161.92	
		Grand Total...	1241.42	

**charlie.txt (input):**

11 3

**bill\_charlie (output):**

SN	ITEM	QTY	U.PRICE	AMOUNT
11	Zafron	3	350.00	1050.00
			Sales Amount..	1050.00
			Discount.....	350.00
			Total Amount..	700.00
			VAT 15%.....	105.00
			Grand Total...	805.00

**raed.txt (input):**

```
1 2
3 3
4 7
6 5
8 4
9 1
5 15
10 1
11 4
```

---

**bill\_raed.txt (output):**

```
=====
SN   ITEM           QTY  U.PRICE   AMOUNT
-----
1    Apples         2    10.50    21.00
3    Cherries       3    25.00    75.00
4    Donuts         7    10.00    70.00
5    Eggs          15     2.50    37.50
6    Flowers        5    15.00    75.00
8    Honey          4   150.00   600.00
9    Icecream       1    50.00    50.00
10   JavaCoffee     1   250.00   250.00
11   Zafron         4   350.00  1400.00
-----
                        Sales Amount.. 2578.50
                        Discount..... 410.00
                        Total Amount.. 2168.50
                        VAT 15%..... 325.27
                        Grand Total... 2493.77
=====
```

