

*Project

Sells Report

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Outlines:

1. Code
2. Output
3. Flowchart
4. Algorithm
5. Code & Output Photo

CODE

```
#include <stdio.h>

int main()
{
    int
    w=100,x=100,y=100,z=100,p=120000,q=75000,r=185000,s=135000,n,i,sumphn=0,sumpod=0,sumbook=
    0,sumimac=0,profit=0,sell,total;

    printf("WELCOME TO\nAPPLE Gadget Store\nBranch: Sector 10, Uttara, Dhaka 1203\n");

    printf("Available Products In This Branch\n1. Iphone 14: %d pieces & Per Price: %d Taka Only\n2. Ipod
    5: %d pieces & Per Price: %d Taka Only\n3. Macbook: %d pieces & Per Price: %d Taka Only\n4. Imac: %d
    pieces & Per Price: %d Taka Only\n",w,p,x,q,y,r,z,s);

    printf("Check The Sells Report From Day 1 to Day ");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("Enter The Number Of Products Sold in day %d:\n",i);
        printf("Enter Day %d , Iphone 14 Sold: ",i);
        scanf("%d",&sell);
        sumphn+=sell;
        printf("Enter Day %d , Ipod 5 Sold: ",i);
        scanf("%d",&sell);
        sumpod+=sell;
        printf("Enter Day %d , Macbook Sold: ",i);
        scanf("%d",&sell);
        sumbook+=sell;
        printf("Enter Day %d , Imac Sold: ",i);
        scanf("%d",&sell);
```

```
    sumimac+=sell;
}

printf("Till Day %d The Total Number Of Products Sold:\n1. Iphone 14: %d\n2. Ipod 5: %d\n3. Macbook: %d\n4. Imac: %d\n",n,sumphn,sumpod,sumbook,sumimac);

printf("The Remaining Products\n1. Iphone 14: %d\n2. Ipod 5: %d\n3. Macbook: %d\n4. Imac: %d\n",w-sumphn,x-sumpod,y-sumbook,z-sumimac);

total=sumphn*p+sumpod*q+sumbook*r+sumimac*s;

printf("\nTotal: %d Taka Only\n",total);

profit= total*0.05;

printf("profit: %d Taka Only\n",profit);


printf("THANK YOU");

    return 0;
}
```

OUTPUT

WELCOME TO

APPLE Gadget Store

Branch: Sector 10, Uttara, Dhaka 1203

Available Products In This Branch

1. Iphone 14: 100 pieces & Per Price: 120000 Taka Only
2. Ipod 5: 100 pieces & Per Price: 75000 Taka Only
3. Macbook: 100 pieces & Per Price: 185000 Taka Only
4. Imac: 100 pieces & Per Price: 135000 Taka Only

Check The Sells Report From Day 1 to Day 3

Enter The Number Of Products Sold in day 1:

Enter Day 1 , Iphone 14 Sold: 4

Enter Day 1 , Ipod 5 Sold: 6

Enter Day 1 , Macbook Sold: 2

Enter Day 1 , Imac Sold: 1

Enter The Number Of Products Sold in day 2:

Enter Day 2 , Iphone 14 Sold: 9

Enter Day 2 , Ipod 5 Sold: 3

Enter Day 2 , Macbook Sold: 7

Enter Day 2 , Imac Sold: 5

Enter The Number Of Products Sold in day 3:

Enter Day 3 , Iphone 14 Sold: 5

Enter Day 3 , Ipod 5 Sold: 8

Enter Day 3 , Macbook Sold: 4

Enter Day 3 , Imac Sold: 2

Till Day 3 The Total Number Of Products Sold:

1. Iphone 14: 18

2. Ipod 5: 17

3. Macbook: 13

4. Imac: 8

The Remaining Products

1. Iphone 14: 82

2. Ipod 5: 83

3. Macbook: 87

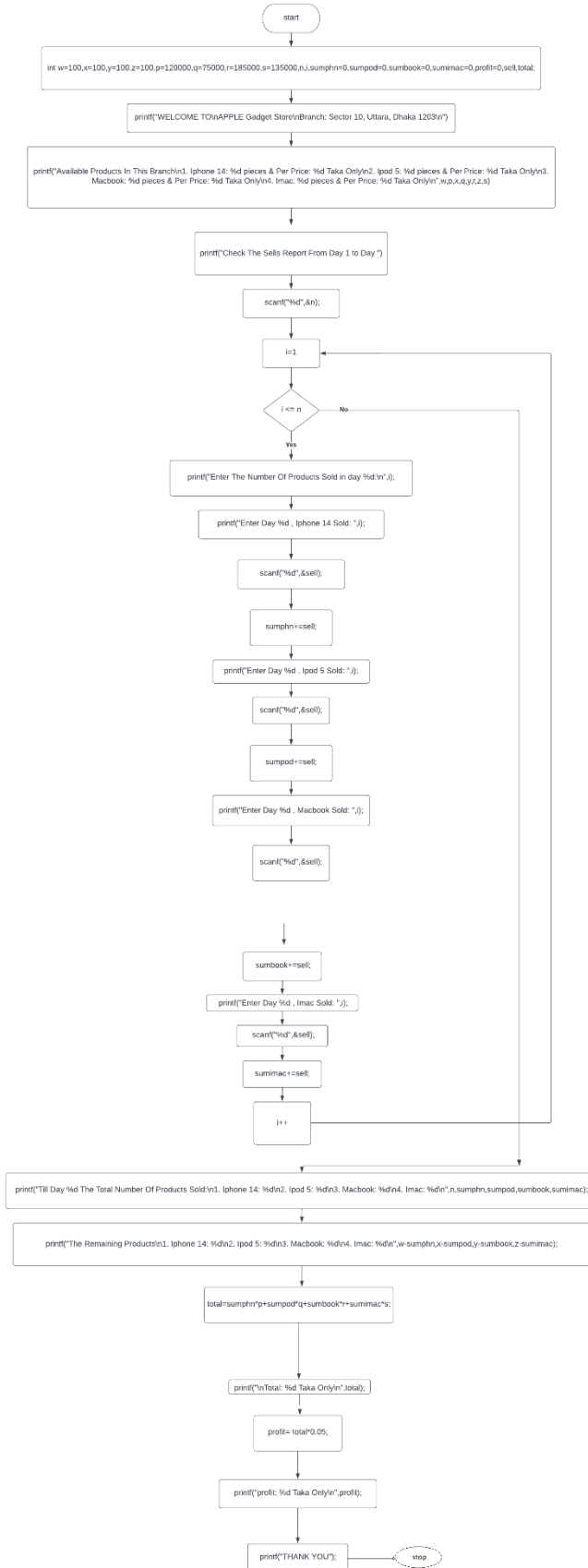
4. Imac: 92

Total: 6920000 Taka Only

profit: 346000 Taka Only

THANK YOU

FLOWCHART



ALGORITHM

Step 1: Start

Step 2: declare variables int w=100,x=100,y=100,z=100,p=120000, q=75000,r=185000, s=135000, n,
i, sumphn=0, sumpod=0,sumbook=0,sumimac=0,profit=0,sell,total;

Step 3: display WELCOME TO\nAPPLE Gadget Store\nBranch: Sector 10, Uttara, Dhaka 1203

Step 4: display Available Products In This Branch

1. Iphone 14: 100 pieces & Per Price: 120000 Taka Only
2. Ipod 5: 100 pieces & Per Price: 75000 Taka Only
3. Macbook: 100 pieces & Per Price: 185000 Taka Only
4. Imac: 100 pieces & Per Price: 135000 Taka Only

Step 5: display Check The Sells Report From Day 1 to Day

Step 6: if condition (i=1; i<=n; i++) true go to step 7 else go to step 17

Step 7: display Enter The Number Of Products Sold in day

Step 8: read sell of iphone 14

Step 9: sumphn=sumphn+sell

Step 10: read sell of ipod 5

Step 11: sumpod=sumpod+sell

Step 12: read sell of macbook

Step 13: sumbook=sumbook+sell

Step 14: read sell of imac

Step 15: sumimac=sumimac+sell

Step 16: i incremented then go to step 6

Step 17: display sum total number of product sold

Step 18: display sum total number of product remaining

Step 19: total=sumphn*p+sumpod*q+sumbook*r+sumimac*s

Step 20: display total

Step 21: profit= total*0.05

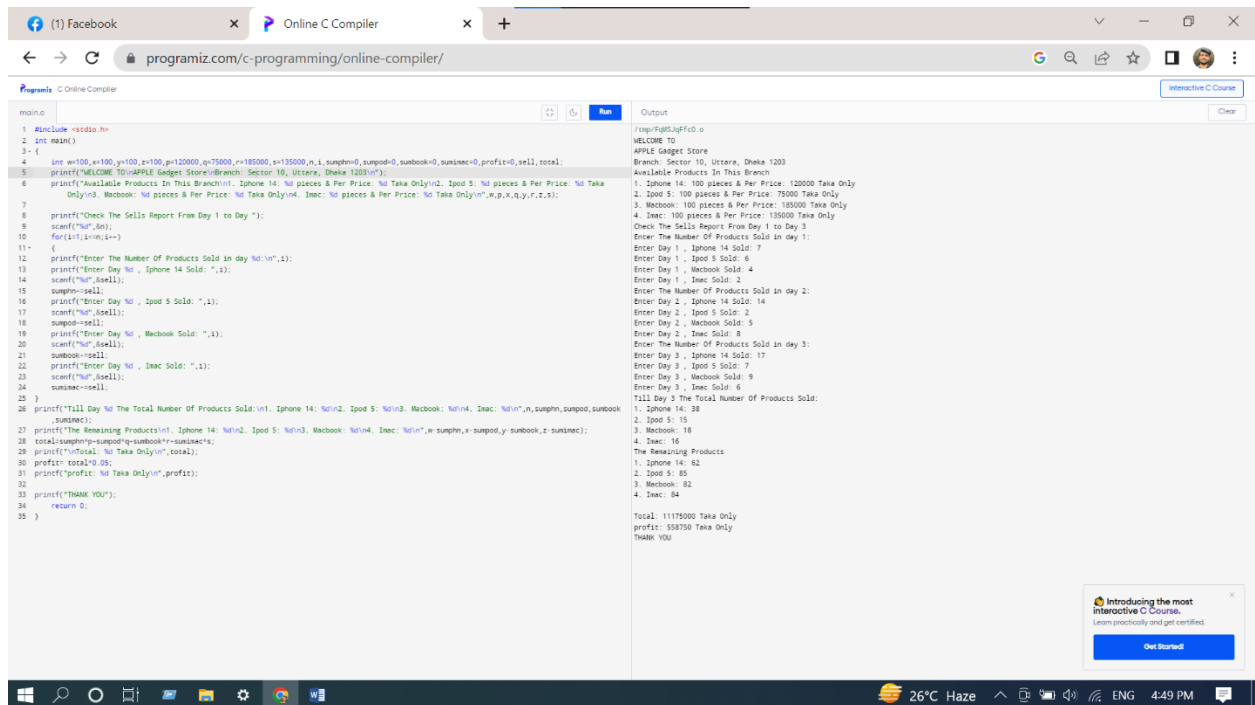
Step 22: display profit

Step 23: display THANK YOU

Step 24: stop

CODE & OUTPUT

PHOTO



The screenshot shows a web browser window with two tabs: "(1) Facebook" and "Online C Compiler". The address bar shows "programiz.com/c-programming/online-compiler/". The main content area is divided into two panels: "Programs" on the left and "Output" on the right.

Programs Panel: The code is in a file named "main.c". It includes a header file "std.h" and defines a main function. The code simulates an Apple gadget store with three branches: Sector 10, Uttara, Dhaka 1203. It tracks the number of products sold for iPhone 14, iPod 5, Macbook, and IMac over three days. The code uses arrays to store the number of products sold and calculates the total profit and remaining products.

```
1 #include <stdio.h>
2 int main()
3 {
4     int w=100,x=100,y=100,z=100,p=12000,q=7500,r=185000,s=135000,n,i,suph=0,supod=0,sunbok=0,sunsec=0,profit=0,sell,total;
5     printf("WELCOME TO APPLE Gadget Store(Branch: Sector 10, Uttara, Dhaka 1203)\n");
6     printf("Available Products In This Branch: iPhone 14: %d pieces & Per Price: %d Take Only\n",n,s);
7     printf("Macbook: %d pieces & Per Price: %d Take Only\n",s,p);
8     printf("Iphone 14: %d pieces & Per Price: %d Take Only\n",n,q);
9     printf("Ipod 5: %d pieces & Per Price: %d Take Only\n",p,r);
10    printf("Check The Sells Report From Day 1 to Day 3:");
11    scanf("%d",&n);
12    for(i=1;i<=n;i++)
13    {
14        printf("Enter The Number Of Products Sold in day %d\n",i);
15        printf("Enter Day %d , Iphone 14 Sold: ",i);
16        scanf("%d",&s);
17        suph+=s;
18        printf("Enter Day %d , iPod 5 Sold: ",i);
19        scanf("%d",&p);
20        sunbok+=p;
21        printf("Enter Day %d , Macbook Sold: ",i);
22        scanf("%d",&q);
23        sunsec+=q;
24        printf("Enter Day %d , IMac Sold: ",i);
25        scanf("%d",&r);
26        sunsec+=r;
27    }
28    printf("Till Day %d The Total Number Of Products Sold: Iphone 14: %d, iPod 5: %d, Macbook: %d, IMac: %d\n",n,suph,sunbok,sunsec);
29    printf("The Remaining Products: Iphone 14: %d, iPod 5: %d, Macbook: %d, IMac: %d\n",n-suph,n-sunbok,n-sunsec);
30    printf("Total: %d\n",total);
31    printf("Profit: %d\n",profit);
32    printf("THANK YOU!\n");
33    return 0;
34 }
```

Output Panel: The output shows the results of the program execution. It displays the available products and their prices, followed by the sales report for three days. The total profit and remaining products are also shown.

```
/tmp/fgt5jgfc0.o
WELCOME TO
APPLE Gadget Store
Branch: Sector 10, Uttara, Dhaka 1203
Available Products In This Branch
1. Iphone 14: 100 pieces & Per Price: 120000 Take Only
2. iPod 5: 100 pieces & Per Price: 75000 Take Only
3. Macbook: 100 pieces & Per Price: 185000 Take Only
4. IMac: 100 pieces & Per Price: 135000 Take Only
Check The Sells Report From Day 1 to Day 3
Enter Day 1 , Iphone 14 Sold: 7
Enter Day 1 , iPod 5 Sold: 6
Enter Day 1 , Macbook Sold: 4
Enter Day 1 , IMac Sold: 2
Enter The Number Of Products Sold in day 2:
Enter Day 2 , Iphone 14 Sold: 14
Enter Day 2 , iPod 5 Sold: 2
Enter Day 2 , Macbook Sold: 5
Enter Day 2 , IMac Sold: 8
Enter The Number Of Products Sold in day 3:
Enter Day 3 , Iphone 14 Sold: 17
Enter Day 3 , iPod 5 Sold: 7
Enter Day 3 , Macbook Sold: 9
Enter Day 3 , IMac Sold: 6
Till Day 3 The Total Number Of Products Sold:
1. Iphone 14: 38
2. iPod 5: 15
3. Macbook: 18
4. IMac: 16
The Remaining Products
1. Iphone 14: 62
2. iPod 5: 85
3. Macbook: 82
4. IMac: 84
Total: 11175000 Take Only
Profit: 558750 Take Only
THANK YOU
```

Thank You