

Dec 03, 10 22:32

CSTools Listing and Executions

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```

        totaljustcents = amount * 87;
    else if (shiptype == 't')
        totaljustcents = amount * 153;
    else if (amount <= 3)
        totaljustcents = 800;
    else
        totaljustcents = ((amount - 3) * 177) + 800;

    return totaljustcents;
}

//Display results on the screen
void report_delivery_cost(char shiptype, int amount, int totaljustcents){
    //variable dec+def
    int costdollar;           //calculated - dollar portion of cost
    int costcent;             //calculated - cent portion of cost

    //split total into dollars and cents
    costdollar = totaljustcents / 100;
    costcent = totaljustcents % 100;

    cout << "Your " << amount << " pound package for ";

    //display ship type based on user choice
    if (shiptype == 'e')
        cout << "Economy";
    else if (shiptype == 't')
        cout << "Two-Day";
    else
        cout << "Overnight";

    cout << " delivery will cost ";

    //display dollar portion of cost, handle pluration of word "dollar"
    if (costdollar == 1)
        cout << "1 dollar and ";
    else if (costdollar > 1)
        cout << costdollar << " dollars and ";
    else
        ;

    //display cent portion of cost, handle pluration of word "cent"
    if (costcent == 1)
        cout << "1 cent.";
    else
        cout << costcent << " cents.";
}

```

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```

*****
*****
**                                     **
**                                     **
**                                     **
*****
*****
c++ compilation succeeded

```

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**		**
**	pgm2.cc execution - required testcase #1	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): e		
Enter the weight of the package in pounds: 3		
Your 3 pound package for Economy delivery will cost 2 dollars and 61 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #2	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): T		
Enter the weight of the package in pounds: 12		
Your 12 pound package for Two-Day delivery will cost 18 dollars and 36 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #3	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): o		
Enter the weight of the package in pounds: 2		
Your 2 pound package for Overnight delivery will cost 8 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #4	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): O		
Enter the weight of the package in pounds: 5		
Your 5 pound package for Overnight delivery will cost 11 dollars and 54 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #5	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): E		
Enter the weight of the package in pounds: 1		
Your 1 pound package for Economy delivery will cost 87 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #6	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): t		
Enter the weight of the package in pounds: 100		
Your 100 pound package for Two-Day delivery will cost 153 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #7	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): e		
Enter the weight of the package in pounds: 2		
Your 2 pound package for Economy delivery will cost 1 dollar and 74 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #8	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): O		
Enter the weight of the package in pounds: 16		
Your 16 pound package for Overnight delivery will cost 31 dollars and 1 cent.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - required testcase #9	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): A		
Enter the weight of the package in pounds: -5		
Your 100 pound package for Overnight delivery will cost 179 dollars and 69 cents		
.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed normal testcase 1 [#1]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): e		
Enter the weight of the package in pounds: 23		
Your 23 pound package for Economy delivery will cost 20 dollars and 1 cent.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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*****	*****	*****
**	**	**
**	pgm2.cc execution - proposed normal testcase 2 [#2]	**
**	*****	**
*****	*****	*****
Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): e		
Enter the weight of the package in pounds: 44		
Your 44 pound package for Economy delivery will cost 38 dollars and 28 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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*****	*****	*****
**	**	**
**	pgm2.cc execution - proposed normal testcase 3 [#3]	**
**	*****	**
*****	*****	*****
Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): E		
Enter the weight of the package in pounds: 91		
Your 91 pound package for Economy delivery will cost 79 dollars and 17 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed normal testcase 4 [#4]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): T		
Enter the weight of the package in pounds: 87		
Your 87 pound package for Two-Day delivery will cost 133 dollars and 11 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed normal testcase 5 [#5]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): T		
Enter the weight of the package in pounds: 12		
Your 12 pound package for Two-Day delivery will cost 18 dollars and 36 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed normal testcase 6 [#6]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): t		
Enter the weight of the package in pounds: 6		
Your 6 pound package for Two-Day delivery will cost 9 dollars and 18 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed boundary testcase 1 [#1]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): E		
Enter the weight of the package in pounds: 1		
Your 1 pound package for Economy delivery will cost 87 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed boundary testcase 2 [#2]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): e		
Enter the weight of the package in pounds: 1		
Your 1 pound package for Economy delivery will cost 87 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed boundary testcase 3 [#3]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): E		
Enter the weight of the package in pounds: 100		
Your 100 pound package for Economy delivery will cost 87 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed boundary testcase 4 [#4]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): T		
Enter the weight of the package in pounds: 100		
Your 100 pound package for Two-Day delivery will cost 153 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed boundary testcase 5 [#5]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): t		
Enter the weight of the package in pounds: 100		
Your 100 pound package for Two-Day delivery will cost 153 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed boundary testcase 6 [#6]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): e		
Enter the weight of the package in pounds: 77		
Your 77 pound package for Economy delivery will cost 66 dollars and 99 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed exception testcase 1 [#1]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): o		
Enter the weight of the package in pounds: 48		
Your 48 pound package for Overnight delivery will cost 87 dollars and 65 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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*****	*****	*****
**	**	**
**	pgm2.cc execution - proposed exception testcase 2 [#2]	**
**	**	**
*****	*****	*****
Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): O		
Enter the weight of the package in pounds: 9		
Your 9 pound package for Overnight delivery will cost 18 dollars and 62 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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*****	*****	*****
**	**	**
**	pgm2.cc execution - proposed exception testcase 3 [#3]	**
**	**	**
*****	*****	*****
Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): o		
Enter the weight of the package in pounds: 0		
Your 100 pound package for Overnight delivery will cost 179 dollars and 69 cents		
.		
Finishing Fly-By-Night Delivery Program, version 1.0		

```
*****
*****
**                                **
**      pgm2.cc execution - proposed exception testcase 4 [#4]      **
**                                **
*****
*****
Fly-By-Night Delivery Program, version 1.0
(c) Steven Liu, 2010

Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): O
Enter the weight of the package in pounds: 100

Your 100 pound package for Overnight delivery will cost 179 dollars and 69 cents
.

Finishing Fly-By-Night Delivery Program, version 1.0
```

```
*****
*****
**                                **
**      pgm2.cc execution - proposed exception testcase 5 [#5]      **
**                                **
*****
*****
Fly-By-Night Delivery Program, version 1.0
(c) Steven Liu, 2010

Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): o
Enter the weight of the package in pounds: 1

Your 1 pound package for Overnight delivery will cost 8 dollars and 0 cents.

Finishing Fly-By-Night Delivery Program, version 1.0
```

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**		**
**	pgm2.cc execution - proposed exception testcase 6 [#6]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): 9		
Enter the weight of the package in pounds: 3		
Your 3 pound package for Overnight delivery will cost 8 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed exception testcase 7 [#7]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): a		
Enter the weight of the package in pounds: 4		
Your 4 pound package for Overnight delivery will cost 9 dollars and 77 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed exception testcase 8 [#8]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): B		
Enter the weight of the package in pounds: 2		
Your 2 pound package for Overnight delivery will cost 8 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed exception testcase 9 [#9]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): \$		
Enter the weight of the package in pounds: 100		
Your 100 pound package for Overnight delivery will cost 179 dollars and 69 cents		
.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed exception testcase 10 [#10]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): e		
Enter the weight of the package in pounds: 0		
Your 100 pound package for Economy delivery will cost 87 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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**		**
**	pgm2.cc execution - proposed exception testcase 11 [#11]	**
**		**

Fly-By-Night Delivery Program, version 1.0		
(c) Steven Liu, 2010		
Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): T		
Enter the weight of the package in pounds: 0		
Your 100 pound package for Two-Day delivery will cost 153 dollars and 0 cents.		
Finishing Fly-By-Night Delivery Program, version 1.0		

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```
*****
*****
**                               **
**      pgm2.cc execution - proposed exception testcase 12 [#12]      **
**                               **
*****
*****
Fly-By-Night Delivery Program, version 1.0
(c) Steven Liu, 2010

Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): t
Enter the weight of the package in pounds: -12

Your 100 pound package for Two-Day delivery will cost 153 dollars and 0 cents.

Finishing Fly-By-Night Delivery Program, version 1.0
```

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```
*****
*****
**                               **
**      pgm2.cc execution - proposed exception testcase 13 [#13]      **
**                               **
*****
*****
Fly-By-Night Delivery Program, version 1.0
(c) Steven Liu, 2010

Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): K
Enter the weight of the package in pounds: -33

Your 100 pound package for Overnight delivery will cost 179 dollars and 69 cents
.

Finishing Fly-By-Night Delivery Program, version 1.0
```

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CSTools Listing and Executions

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```
*****
*****
**                                     **
**      pgm2.cc execution - proposed exception testcase 14 [#14]      **
**                                     **
*****
*****
```

Fly-By-Night Delivery Program, version 1.0
(c) Steven Liu, 2010

Enter the desired delivery service, E(conomy), T(wo-day), or O(vernight): E
Enter the weight of the package in pounds: A

Your 100 pound package for Economy delivery will cost 87 dollars and 0 cents.

Finishing Fly-By-Night Delivery Program, version 1.0