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Kroger_arrry2.c
//Kroger shopping - w/arrays.. modular

#include <stdio.h>

double compute(int qty[], double price[], int num);
void greetings(); //function prototypes

int main()
{
    int qty[10];
    double price[10];

    int i, n;

    greetings();

    printf("How many items you intend to buy? ");
    scanf("%d", &n);

    for (i = 0; i < n ; i++)
    {
        printf("\nEnter the item price: $ ");
        scanf("%lf", &price[i]);
        printf("How many items? ");
        scanf("%d", &qty[i]);
    }

    printf("\nDisplaying your shopping details...\n\n");
    printf("\n\nTotal Shopping Cost = $%.2f\n", compute(qty, price, n));

    getch();
    return 0;
}

double compute(int qty[], double price[], int num)
{
    int i;
    double tc = 0.0; // local variable
    double c[10]; // local variable

    for (i = 0; i < num; i++)
    {
        c[i] = qty[i] * price[i];
        tc = tc + c[i];
        printf("\n %d %d %.2f %.2f", i + 1 , qty[i],
price[i], c[i]);
    }

    return tc;
}

void greetings()
{
    printf("\nRiffat Happy Birth Day\n\n");
}

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Kroger_array2.c