```c
#include <stdio.h>
#include <math.h>
int main ()
{
    int    items,qty,cashgiven
    float  change, prodprice, tax, totalprice,purchaseprice

    printf (" enter quantities: ");
    scanf ("%d ", qty);
    printf (" enter Number of items: ");
    scanf ("%d", items );
    printf (" enter price of items: ");
    scanf ("%f ", prodprice );
    purchaseprice = items * quantity * * prodprice;
    tax = purchaseprice * 0.16;
    totalprice = purchaseprice * - tax;
    printf (" purchaseprice is: %2f\n ", purchaseprice);
    printf (" tax is : %2f\n ", tax );
    totalprice (" Totalprice is : %2f\n " totalprice );
    printf (" enter cash given
    scanf ("%d ", $cashgiven );
    change = cashgiven - totalprice;
    printf (" Change to be given = % 2f\n ", change );
    return 0;
    3.
```