

## CSC 3320 Lab 7 (Post-Lab Assignment)

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Question 1:

```
#include <stdio.h>

int main(void) {

    int a, b, c;

    printf("Enter phone number [(999)999-9999]: ");

    scanf("(%i) %i-%i", &a, &b, &c);

    printf("You entered %i.%i.%i", a, b, c);

    return 0;
}
```

```
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$ cc getPhoneNumber.c
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$ ls
a.out  getPhoneNumber.c
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$ ./a.out
Enter phone number [(999)999-9999]: (123)456-7890
You entered 123.456.7890[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$
```

```
int main(void) {
    int item, price, qty, amount, mm, dd, yyyy;
    printf("Enter item number: ");
    scanf("%d", &item);
    printf("Enter unit price: ");
    scanf("%d", &price);
    printf("Enter quantity: ");
    scanf("%d", &qty);
    printf("Enter purchase date (mm/dd/yyyy): ");
    scanf("%d/%d/%d", &mm, &dd, &yyyy);
    amount = price*qty;
    printf("Item#\tQuantity\tPurchase Date\tUnit Price\tTotal Amount\n");

    printf("%d\t%d\t\t\t%d/%d/%d\t%d\t\t\t%d\n", item, qty, mm, dd, yyyy, price,
amount);
}
```

```
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$ vi calcPrice.c
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$ cc calcPrice.c
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$ ls
a.out  calcPrice.c  getPhoneNumber.c
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$ ./a.out
Enter item number: 456
Enter unit price: 45
Enter quantity: 2
Enter purchase date (mm/dd/yyyy): 10/15/2020
Item#      Quantity      Purchase Date      Unit Price      Total Amount
456        2              10/15/2020        $45             $90
[aiftikhar2@gsuad.gsu.edu@snowball Lab7]$
```