


## Lab7

Hyunki Lee

### Part1

#### 1: Source Code

 hlee152@gsuad.gsu.edu@snowball:~

```
#include <stdio.h>

int main(void)
{
    int num1, num2, num3;
    printf("Enter phone number [(999)999-9999]: ");
    scanf("(%d)%d-%d", &num1, &num2, &num3);

    printf("You entered %d-%d-%d\n", num1, num2, num3);
    return 0;
}
```

#### 1: Output

```
[hlee152@gsuad.gsu.edu@snowball ~]$ cc getPhoneNumber.c
[hlee152@gsuad.gsu.edu@snowball ~]$ ./a.out
Enter phone number [(999)999-9999]: (404)123-4567
You entered 404-123-4567
[hlee152@gsuad.gsu.edu@snowball ~]$
```

## 2: Source Code

hlee152@gsuad.gsu.edu@snowball:~

```
#include <stdio.h>

int main(void)
{
    int item;
    double price;
    double total;
    int quantity;
    char date[12];
    printf("Enter item number: ");
    scanf("%d", &item);

    printf("Enter unit price: ");
    scanf("%lf", &price);

    printf("Enter quantity: ");
    scanf("%d", &quantity);

    printf("Enter purchase date (mm/dd/yyyy) : ");
    scanf("%s", &date);

    total=price*quantity;

    printf("Item\tUnit Price\tQTY\tPurchase Date\tTotal Amount\n");

    printf("%d\t$%9.2lf\t%d\t%s\t$%9.2lf\n\n", item, price, quantity, date, total);
    return 0;
}
```


## 2: Output

```
[hlee152@gsuad.gsu.edu@snowball ~]$ cc calcPrice.c
[hlee152@gsuad.gsu.edu@snowball ~]$ ./a.out
Enter item number: 583
Enter unit price: 13.50
Enter quantity: 2
Enter purchase date (mm/dd/yyyy) : 9/15/2016
Item    Unit Price    QTY    Purchase Date    Total Amount
583     $    13.50      2      9/15/2016        $    27.00

[hlee152@gsuad.gsu.edu@snowball ~]$
```

## Part2 (Optional)

Source Code:

 hlee152@gsuad.gsu.edu@snowball:~

```
#!/bin/bash

echo -n "Enter phone number [(999) 999-9999]: "
read n1

echo -n "You entered $n1"

~
~
```

Output:

```
[hlee152@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber.sh
Enter phone number [(999) 999-9999]: (404) 123-4567
You entered (404) 123-4567 [hlee152@gsuad.gsu.edu@snowball ~]$
```