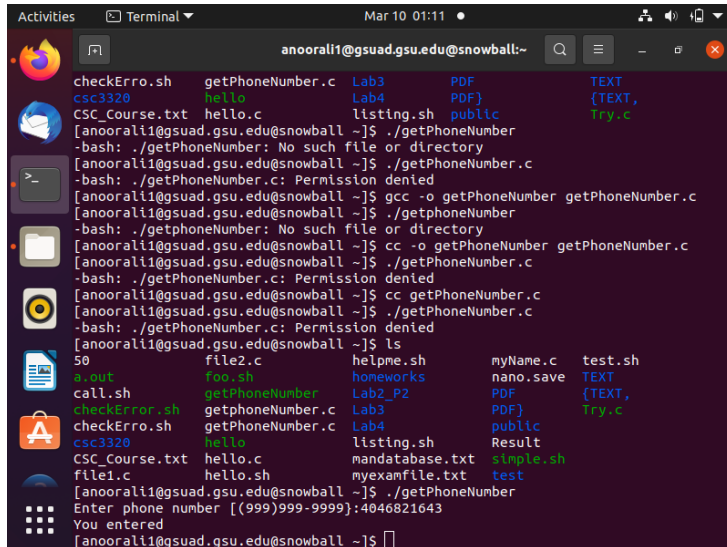


Lab 7-Post Lab

Arman Noorali

Part 1:



```
Activities Terminal Mar 10 01:11
anoorali1@gsuad.gsu.edu@snowball:~
checkErrro.sh getPhoneNumber.c Lab3 PDF TEXT
csc3320 hello Lab4 PDF {TEXT,
CSC_Course.txt hello.c listing.sh public Try.c
[anoorali1@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber
-bash: ./getPhoneNumber: No such file or directory
[anoorali1@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber.c
-bash: ./getPhoneNumber.c: Permission denied
[anoorali1@gsuad.gsu.edu@snowball ~]$ gcc -o getPhoneNumber getPhoneNumber.c
[anoorali1@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber
-bash: ./getPhoneNumber: No such file or directory
[anoorali1@gsuad.gsu.edu@snowball ~]$ cc -o getPhoneNumber getPhoneNumber.c
[anoorali1@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber.c
-bash: ./getPhoneNumber.c: Permission denied
[anoorali1@gsuad.gsu.edu@snowball ~]$ cc getPhoneNumber.c
[anoorali1@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber.c
-bash: ./getPhoneNumber.c: Permission denied
[anoorali1@gsuad.gsu.edu@snowball ~]$ ls
50 file2.c helpme.sh myName.c test.sh
a.out foo.sh homeworks nano.save TEXT
call.sh getPhoneNumber Lab2_P2 PDF {TEXT,
checkError.sh getPhoneNumber.c Lab3 PDF Try.c
checkErrro.sh getPhoneNumber.c Lab4 public
csc3320 hello listing.sh Result
CSC_Course.txt hello.c mandatabase.txt simple.sh
file1.c hello.sh myexamfile.txt test
[anoorali1@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber
Enter phone number [(999)999-9999]:4046821643
You entered
[anoorali1@gsuad.gsu.edu@snowball ~]$
```

Source code:

```
#include<stdio.h>
int main(){
char phone[13];
printf("Enter phone number [(999)999-9999]:");
scanf("%s",phone);
char nphone[12];
int i;
for(i=1;i<13;i++){
if(i==4){
//update 4th char with -
nphone[i-1] = '-';
}
else{
//update nphone with phone[i]
nphone[i-1] = phone[i];
}
}
//add ending char
nphone[i-1] = '\0';
printf("You entered %s\n",nphone);
```

```
return 0;
}
```

```
/*
```

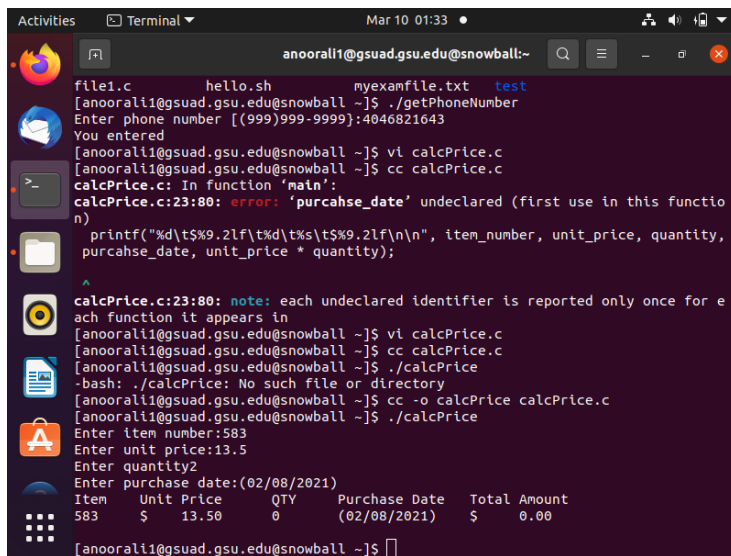
sample output

Enter phone number [(999)999-9999]: (999)999-9999

You entered 999-999-9999

```
*/
```

Part 2:



```
file1.c      hello.sh      myexamfile.txt  test
[anooralii@gsuad.gsu.edu@snowball ~]$ ./getPhoneNumber
Enter phone number [(999)999-9999]: 4046821643
You entered
[anooralii@gsuad.gsu.edu@snowball ~]$ vi calcPrice.c
[anooralii@gsuad.gsu.edu@snowball ~]$ cc calcPrice.c
calcPrice.c: In function 'main':
calcPrice.c:23:80: error: 'purchahse_date' undeclared (first use in this function)
    printf("%d\t$%9.2lf\t%d\t%s\t$%9.2lf\n", item_number, unit_price, quantity,
    ~~~~~^~~~~~
    purchahse_date, unit_price * quantity);
    ~~~~~^~~~~~
calcPrice.c:23:80: note: each undeclared identifier is reported only once for each function it appears in
[anooralii@gsuad.gsu.edu@snowball ~]$ vi calcPrice.c
[anooralii@gsuad.gsu.edu@snowball ~]$ cc calcPrice.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./calcPrice
-bash: ./calcPrice: No such file or directory
[anooralii@gsuad.gsu.edu@snowball ~]$ cc -o calcPrice calcPrice.c
[anooralii@gsuad.gsu.edu@snowball ~]$ ./calcPrice
Enter item number: 583
Enter unit price: 13.5
Enter quantity: 2
Enter purchase date: (02/08/2021)
Item   Unit Price   QTY   Purchase Date   Total Amount
583    $    13.50    0      (02/08/2021)   $    0.00
[anooralii@gsuad.gsu.edu@snowball ~]$
```

Source code:

```
#include <stdio.h>
```

```
int main(){
    //variable to store different data
    int item_number;
    double unit_price;
```

```
int quantity;
char purchase_date[12];

//taking user input
printf("Enter item number:");
scanf("%d", &item_number);
printf("Enter unit price:");
scanf("%lf", &unit_price);
printf("Enter quantity:");
scanf("%d", &quantity);
printf("Enter purchase date:");
scanf("%s", purchase_date);

//printing data
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_number, unit_price, quantity,
purchase_date, unit_price * quantity);

return 0;
}
```