

Hawa M Sylla

Post lab 7

Part 1

```
[hsylla2@gsuad.gsu.edu@snowball ~]$ vi getPhoneNumber.c
[hsylla2@gsuad.gsu.edu@snowball ~]$ ./a.out

Enter phone Number Please! Format: [(xxx) xxx-xxxx] : (470) 222-3422
You entered 470 - 222 - 3422

[hsylla2@gsuad.gsu.edu@snowball ~]$
```

Source Code:

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

```
int main(void)
```

```
{
```

```
    int area_code, exchange, subscriber;
```

```
    printf("\nEnter phone Number Please! Format: [(xxx) xxx-xxxx] : ");
```

```
    scanf("(%d) %d-%d", &area_code, &exch, &subsc);
```

```
    printf(" You entered %d - %d - %d\n\n", area_code, exch, subsc);
```

```
    return 0;
```

```
}
```

Part 2

```
123 $ 5.99 3 03/04/2021 $17.97
[hsylla2@gsuad.gsu.edu@snowball ~]$ vi calcPrice.c
[hsylla2@gsuad.gsu.edu@snowball ~]$ cc -o calcPrice calcPrice.c
[hsylla2@gsuad.gsu.edu@snowball ~]$ ./calcPrice

Enter Item Number: 575

Enter Unit Price: 5.99

Enter Item Quantity: 3

Enter Purchase Date [ Format: 00/00/0000 ] : 03/04/2021

Item    Unit Price    QTY    Purchase Date    Total Amount
575     $ 5.99         3      03/04/2021      $17.97
[hsylla2@gsuad.gsu.edu@snowball ~]$
```

Source Code:

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

```
int main(void)
{
```

```
    int item_num, month, day, year, quantity;
    float unit_prix;
```

```
    printf("\nEnter Item Number: ");
    scanf("%d", &item_num);
```

```
    printf("\nEnter Unit Price: ");
    scanf("%f", &unit_prix);
```

```
    printf("\nEnter Item Quantity: ");
    scanf("%d", &quantity);
```

```
    printf("\nEnter Purchase Date [ Format: 00/00/0000 ] : ");
    scanf("%d/%d/%d", &month, &day, &year);
```

```
    //Calculating total
    float total = unit_prix * quantity;
```

```
    printf("\nItem\tUnit Price\tQTY\tPurchase Date\tTotal Amount\n");
    printf("%d\t$%.2f\t%d\t%.2d/%.2d/%d\t$%.2f\n", item_num, unit_prix, quantity, month, day, year, total);
```

```
}
```