

LAB 7 – Razat Sutradhar

PART 1:

```
#include <stdio.h>

int main(void) {
    int areacode, part1, part2;
    printf("Enter Phone Number: [(XXX)XXX-XXXX]\n");
    scanf("(%d)%d-%d",&areacode, &part1, &part2);
    printf("%d-%d-%d",areacode, part1, part2);
    return 0;
}
//repl link: https://repl.it/@RazatS/lab7-PART1
```

```
Enter Phone Number: [(XXX)XXX-XXXX]
(123)456-7891
123-456-7891
```

PART 2:

```
#include <stdio.h>
//repl: https://repl.it/@RazatS/lab7-PART2
int main(void) {
    int itNum, quan, month, date, year;
    float price, total;
    printf("Enter Item Number:\n");
    scanf("%d", &itNum);

    printf("Enter Item Price:\n");
    scanf("%f", &price);

    printf("Enter Quantity:\n");
    scanf("%d", &quan);

    printf("Enter Date (MM/DD/YYYY):\n");
    scanf("%d/%d/%d", &month, &date, &year);

    total = price*quan;

    printf("Item\tUnit Price\tQTY\t\tDate\t\tTotal\n");
    printf("%d\t\t\t%.2f\t\t\t%d\t\t\t%d/%d/%d\t\t%.2f", itNum, price, quan, month, date,
year, total);

    return 0;
}
```

```

Enter Item Number:
123
Enter Item Price:
12.86
Enter Quantity:
5
Enter Date (MM/DD/YYYY):
03/12/2021
Item      Unit Price  QTY      Date      Total
123      $12.86      5        3/12/2021  $64.30

```

OPTIONAL:

```
echo "enter phone number [(XXX)XXX-XXXX]:"
```

```
read phoneNumber
```

```
phoneNumber=$( sed 's/(//g' <<< $phoneNumber )
```

```
phoneNumber=$( sed 's/)/-/g' <<< $phoneNumber )
```

```
echo $phoneNumber
```

```

enter phone number [(XXX)XXX-XXXX]:
(XXX)XXX-XXXX
XXX-XXX-XXXX

```