Lab 7

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Q1.

#include<stdio.h>

int main() {

char phone[13];

printf("Enter a phone number in the following format: (999)999-9999 : ");

scanf("%s",phone);

char new[12];

int i;

for(i= 1; i< 13; i++) {

if(i == 4) {

new[i-1]= '-';

}

else {

new[i-1]= phone[i];

}

}

new[i-1]= '\0';

printf("You entered %s\n", new);

return 0;

}

Text

Description automatically generated

Q2.

#include <stdio.h>

int main(){

int itemnumber;

double price;

int quantity;

char date[12];

printf("Enter item number: ");

scanf("%d", &itemnumber);

printf("Enter price: ");

scanf("%lf", &price);

printf("Enter quantity: ");

scanf("%d", &quantity);

printf("Enter purchase date:");

scanf("%s", date);

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

printf("%d\t$%9.2lf\t%d\t%s\t$%9.2lf\n\n", itemnumber, price, quantity, date, price \* quantity);

return 0;

}

Text

Description automatically generated