CSc 3320 System Level Programming

Lab 7 Out-of-Lab Assignment

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Part1:

1. #include <stdio.h>

int main (void) {  
int i, j;  
char arr[13], ph[12];  
printf("Enter phone number [(999)999-9999]: ");  
scanf ("%s", arr);  
j = 0;  
for (i = 0; i < 13; i++) {  
if (arr[i] != '(' && arr[i] != ')' {  
ph[j]=arr[i];  
j++;  
}  
else if (arr[i] == ')' {  
ph[j]='-';  
j++;  
}  
}  
printf ("You entered %s\n", ph);

return 0;  
}

Text

Description automatically generated

1. #include<stdio.h>

int main() {  
int num, qty;  
float price, amt;  
char date[8];  
printf("Enter the item number: ");  
scanf("%d", &num);  
printf("Enter the unit price: ");  
scanf("%f", &price);  
printf("Enter quantity: ");  
scanf("%d", &qty);  
printf("Enter purchase date (dd/mm/yy): ");  
scanf("%s", date);  
amt = price \* qty;  
printf("\nItem\tUnit Price\tQTY\tPurchase Date\tTotal Amount\n");  
printf("%d\t$%9.2f\t%d\t%s\t$%11.2f\n", num, price, qty, date, amt);  
return 0;  
}Text

Description automatically generated