

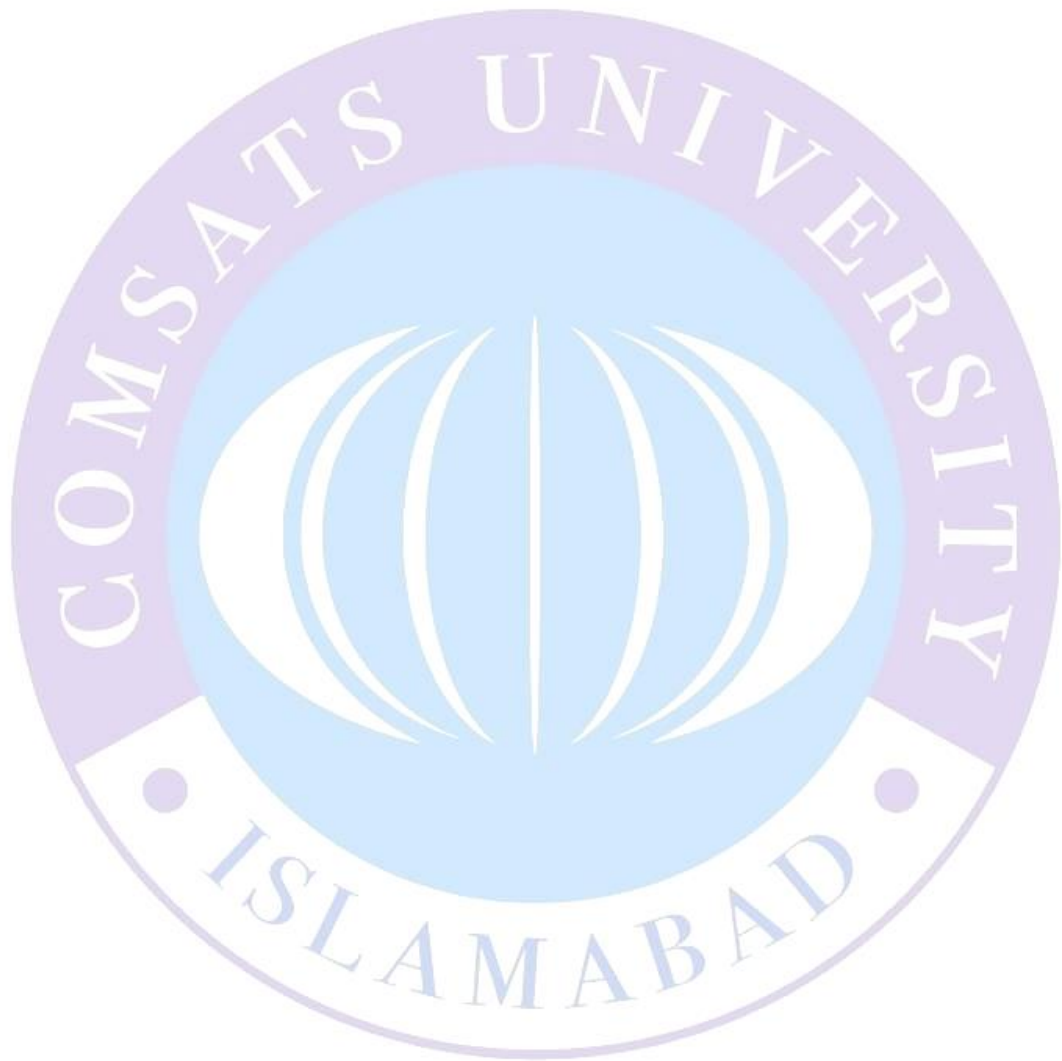
ASSIGNMENT#04
CSC103-Programming Fundamentals



COMSATS

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Submitted to:
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```
#include<string.h>
```

```
int record;
```

```
int quantity;
```

```
int main() {
```

```
struct inventory dell= {0,"",0,0.0};
```

[illegible]

```
printf("|%3s|%19s|%19s|%17s|\n", "RECORD", "TOOL NAME", "QUANTITY", "COST");
```

```
printf("\4
```

```
____\4\n");
```

```
printf("%25s",inv[i].tool_name);
```

```
printf("%23.2f\n",inv[i].cost);
```

[illegible]

```
printf("\nEnter 1 to add record\nEnter 2 to update record\nEnter 3 to delete record\nEnter 4 to  
print record\n\nEnter 0 to exit\n");
```

```
while(list!=0){
```

case 1:

```
scanf("%d",&n1);
```

```
printf("Enter name:");
```

```
fflush(stdin);
```

```
gets(inv[n1].tool_name);
```

```
printf("Enter quantity:");
```

```
scanf("%d",&inv[n1].quantity);
```

```
printf("Enter cost:");
```

scanf("%f",&inv[n1].cost);

```
break;
```

case 2:

```
printf("Enter record no. to update: ");
```

```
scanf("%d",&n1);
```

```
for (int i=0;i<100;i++) {
```

```
if(inv[i].record==n1) {
```

```
inv[i].record=n1;
```

```
fflush(stdin);
```

```
printf("Enter tool name:");
```

```
gets(inv[i].tool_name);
```

```
printf("Enter quantity:");
```

```
scanf("%d",&inv[i].quantity);
```

```
printf("Enter cost:");
```

```
scanf("%f",&inv[i].cost);
```

}

}

```
break;
```

case 3:

```
printf("Enter record to delete: ");
```

```
scanf("%d",&n1);
```

```
for (int i=0;i<100;i++) {
```

```
if (inv[i].record==n1) {
```

```
inv[i]=dell;
```

}

```
break;
```

case 4:

```
printf("\n\n");
```

[illegible][illegible]

[illegible]

OUTPUT:

Printing simple table:

"C:\Users\Aoun Haider\Documents\Untitled1.exe"

RECORD	TOOL NAME	QUANTITY	COST
3	Electric sander	7	57.98
17	Hammer	76	11.99
24	Jigsaw	21	11.00
39	Lawnmower	3	79.50
56	Powersaw	18	99.99
68	Screwdriver	106	6.99
77	Sledgehammer	11	21.50
83	Wrench	34	7.50

Enter 1 to add record
Enter 2 to update record
Enter 3 to delete record
Enter 4 to print record

Enter 0 to exit

Adding new record:

 "C:\Users\Aoun Haider\Documents\Untitled1.exe"

1

Enter record number: 22

Enter name:ranch

Enter quantity:33

Enter cost:77.5

Enter 1 to add record

Enter 2 to update record

Enter 3 to delete record

Enter 4 to print record

Enter 0 to exit

4

RECORD	TOOL NAME	QUANTITY	COST
3	Electric sander	7	57.98
17	Hammer	76	11.99
24	Jigsaw	21	11.00
39	Lawnmower	3	79.50
56	Powersaw	18	99.99
68	Screwdriver	106	6.99
77	Sledgehammer	11	21.50
83	Wrench	34	7.50
22	ranch	33	77.50

Updating record:

```
2
Enter record no. to update: 77
Enter tool name:Saw
Enter quantity:23
Enter cost:44.5
```

```
Enter 1 to add record
Enter 2 to update record
Enter 3 to delete record
Enter 4 to print record
```

Enter 0 to exit

4

RECORD	TOOL NAME	QUANTITY	COST
3	Electric sander	7	57.98
17	Hammer	76	11.99
24	Jigsaw	21	11.00
39	Lawnmower	3	79.50
56	Powersaw	18	99.99
68	Screwdriver	106	6.99
77	Saw	23	44.50
83	Wrench	34	7.50

```
Enter 1 to add record
Enter 2 to update record
Enter 3 to delete record
```

Deleting record:

 "C:\Users\Aoun Haider\Documents\Untitled1.exe"

3

Enter record to delete: 68

Enter 1 to add record

Enter 2 to update record

Enter 3 to delete record

Enter 4 to print record

Enter 0 to exit

4

RECORD	TOOL NAME	QUANTITY	COST
3	Electric sander	7	57.98
17	Hammer	76	11.99
24	Jigsaw	21	11.00
39	Lawnmower	3	79.50
56	Powersaw	18	99.99
77	Sledgehammer	11	21.50
83	Wrench	34	7.50

Enter 1 to add record

Enter 2 to update record

Enter 3 to delete record

Enter 4 to print record

Enter 0 to exit