

VIT - Vellore

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BCSE102P_Structured and Object Oriented Programming Lab_VL2024250502365

VIT V_Structured and OOP_Lab 4_COD_Easy_Structure Variables

Attempt : 1

Total Mark : 10

Marks Obtained : 10

Section 1 : Coding

1. Problem Statement

Implement an inventory system by storing the item number, item name, rate, and quantity in a structure.

Create a structure called details that accepts the details for N items into a structure array and then displays each item name and its total price.

Answer

```
// You are using GCC
```

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

```
struct details
```

```
{
```

```
    int no;
```

```
    char name[100];
```

```
int rate;
int qty;
};
int main()
{
    int n;
    scanf("%d",&n);
    struct details e[25];
    for(int i = 0; i<n; i++)
    {
        scanf("%s",&e[i].name);
        scanf("%d",&e[i].no);
        scanf("%d",&e[i].qty);
        scanf("%d",&e[i].rate);
    }
    for(int i = 0; i<n; i++)
    {
        printf("%s %d\n",e[i].name,(e[i].rate)*(e[i].qty));
    }
    return 0;
}
```

Status : Correct

Marks : 10/10