



CHRIST

(DEEMED TO BE UNIVERSITY)

B A N G A L O R E • I N D I A

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Computer Programming
(CS134P)**

B. Tech Degree- CHEMISTRY CYCLE

**School of Engineering and Technology,
CHRIST (Deemed to be University),
Kumbalagodu, Bengaluru-560 074**

December 2021



CHRIST

(DEEMED TO BE UNIVERSITY)

BANGALORE • INDIA

Certificate

*This is to certify that has successfully completed
the record work for Computer Programming –CS134P in partial fulfillment for the award of
Bachelor of Technology in during the year 2021-2022.*

Dr. K. Balachandran

HEAD OF DEPARTMENT

FACULTY- IN CHARGE

EXAMINER 1:

EXAMINER 2:

Name :

Register No. :

Examination Center :

Date of Examination :

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[illegible]

SEQUENTIAL PROGRAMMING**PROBLEM GIVEN:**

Write a program to store the information related to the name of the vehicle, cost of vehicle, variant of the vehicle, color, # of vehicles available, booking period, Name of the customers booked the vehicle, booking id.

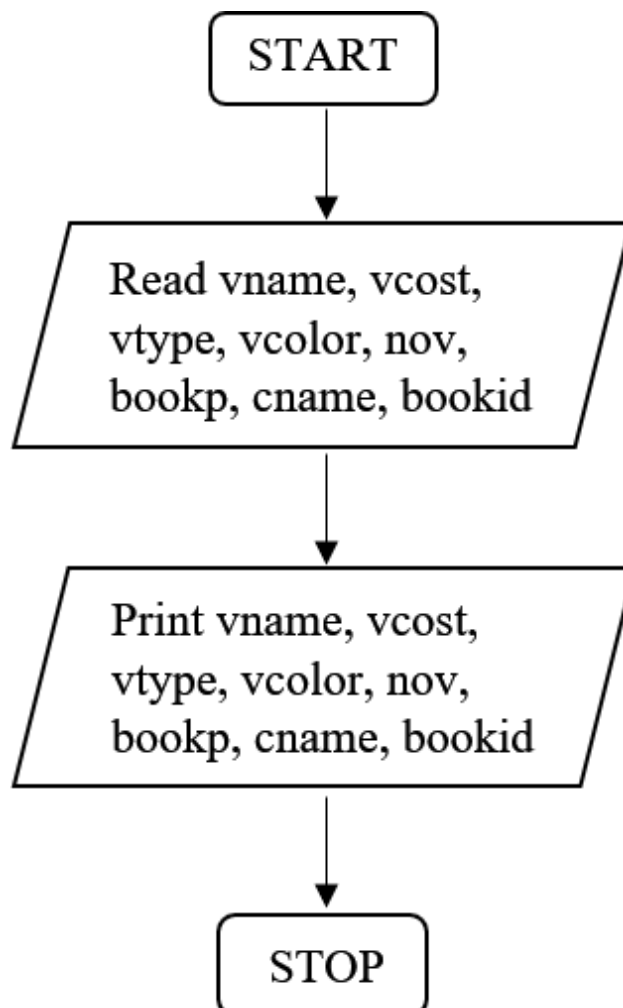
ALGORITHM:

Step-1: START

Step-2: Read vname, vcost, vtype, vcolor, nov, bookp, cname and bookid.

Step-3: Display vname, vcost, vtype, vcolor, nov, bookp, cname and bookid.

Step-4: STOP

FLOWCHART:

PROGRAM:

```
#include <stdio.h>

void main() {

    char vname[20];
    float vcost;
    char vtype[20];
    char
    vcolor[10];
    int nov;
    int bookp;
    char
    cname[20]; int
    bookid;

    printf("Enter name of the vehicle: ");
    scanf("%s", &vname);

    printf("Enter cost of the vehicle: ");
    scanf("%f", &vcost);

    printf("Enter variant of the vehicle: ");
    scanf("%s", &vtype);

    printf("Enter colour of the vehicle: ");
    scanf("%s", &vcolor);

    printf("Enter number of vehicles available: ");
    scanf("%d", &nov);

    printf("Enter booking period: ");
    scanf("%d", &bookp);

    printf("Enter name of the customer: ");
    scanf("%s", &cname);

    printf("Enter booking ID: ");
    scanf("%d", &bookid);

    printf("\n-----DETAILS ----- \n");
    printf("Name of the vehicle: %s\n",
    vname); printf("Cost: %f\n", vcost);
    printf("Variant: %s\n", vtype);
    printf("Colour: %s\n", vcolor);
    printf("Number of vehicles available: %d\n",
    nov); printf("Booking period: %d\n", bookp);
    printf("Name of the customer: %s\n", cname);
    printf("Booking ID: %d\n", bookid);
}
```

OUTPUT:

```
Microsoft Visual Studio Debug Console

Enter name of the vehicle: Bolero
Enter cost of the vehicle: 961625.5
Enter variant of the vehicle: RWD
Enter colour of the vehicle: White
Enter number of vehicles available: 122
Enter booking period: 5
Enter name of the customer: Ashvath
Enter booking ID: 665231

-----DETAILS-----
Name of the vehicle: Bolero
Cost: 961625.500000
Variant: RWD
Colour: White
Number of vehicles available: 122
Booking period: 5
Name of the customer: Ashvath
Booking ID: 665231

C:\Users\ashva\source\repos\Experiment1\Debug\Experiment1
.exe (process 13948) exited with code 0.
To automatically close the console when debugging stops,
enable Tools->Options->Debugging->Automatically close the
console when debugging stops.
Press any key to close this window . . .

_
```