REPUBLIC OF CAMEROON
PEACE – WORK – FATHERLAND
MINISTRY OF HIGHER EDUCATION

UNIVERSITYOFBAMENDA

HIGHER INSTITUTE OF TRANSPORT AND LOGISTICS

REPUBLIQUE DU CAMEROU
PAIX – TRAVAIL – PATRIE
MINISTERE DE L'ENSEIGNEMENT SUPERIEUR
UNIVERSITEDEBAMENDA

INSTITUT SUPÉRIEUR DE TRANSPORT DE LOGISTIQUE

DEPARTMEMENT: TRANSIT AND LOGISTICS

COURSE: INTRODUCTION TO COMPUTER PROGRAMING

COURSE CODE:CUDR2222

ASSIGNMENT

QUESTION

COMPUTER PROGRAMMING EXERCISES

PRESENTED BY

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MATRICULE

UBa22R0227

2022/2023 ACADEMIC YEAR

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

[*] car speed.c

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



int main() {
    float d, t, v;
    printf("Enter the distance in meters: ");
    scanf("%f",&d);
    printf("Enter the time in seconds: ");
    scanf("%f",&t);
    v=d/t;
    printf("The velosity of the car is %.2f distance/time. \n ",v);

    return 0;
}
```

Compiler   Resources   Compile Log   Debug   Find Results

Line: 1   Col: 1   Sel: 0   Lines: 16   Length: 292   Insert   Done parsing in 0.078 seconds

20°C Mostly cloudy   4:23 PM 5/8/2023

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Project

C:\Users\DELL\Desktop\car speed.exe

```
Enter the distance in meters: 2.1
Enter the time in seconds: 5
The velosity of the car is 0.42 distance/time.


--------------------------------
Process exited after 22.04 seconds with return value 0
Press any key to continue . . .
```

Exercise 1

```c
#include<stdio.h>
 int main()
{
        printf("#####  Welcome to Bambili, I am your friend from Cameroon  #####\n"); getchar();
        return 0;
}
```

Exercise 2

```c
#include <stdio.h>
int main ()
{
        printf("######################################################\n");
        printf("######################################################\n");
        printf("######################################################\n");
        printf("########                                    ######### \n");
        printf("########          This is my First Program      ######### \n");
        printf("########                                    ######### \n");
        printf("########                                    ######### \n");
        printf("######################################################\n");
        printf("######################################################\n");
        printf("########                                    ######### \n");
        printf("########          Done By:                   ######### \n");
        printf("########          Mr: Bruno                  ######### \n");
        printf("########          HITL Bambili               ######### \n");
        printf("########      The University Of Bamenda        ######### \n");
        printf("######################################################\n");
        printf("######################################################\n");
        getchar();
        return 0;
```

```
                }


Exercise 3

#include<stdio.h> #include<math.h> int main (){

float d, h;

 float V;

const float PI=3.14159;

printf("Enter the diameter of the tanker:  "); scanf("%f",&d);

printf("Enter the height of the tanker:  "); scanf("%f",&h);

V=(PI/4)*pow(d,2)*h;

printf("The volume of the oil-tanker is: %.2f\n",V); return 0;

}


Exercise 4

#include<stdio.h>

int main (){

        float x, y, z;

        float V;

        printf("Enter the length of the cargo boat: ");

        scanf("%f",&x);

        printf("Enter the width of the cargo-boat: ");

        scanf("%f",&y);

        printf("Enter the  height of the cargo-boat: ");

        scanf("%f",&z);

        V = x*y*z;

        printf("The volume of the cargo-boat is: %.2lf\n",V);

         return 0;

}
```

Exercise 5

```c
#include<stdio.h>

int main(){

        float x,t,y; int quantity;

        printf("Enter the merchant's price(X):"); scanf("%f",&x);

        printf("Enter the quantity:"); scanf("%d",quantity); printf("Enter the tax rate(T):");
        scanf("%f",&t);y=(1+(t/100))*x;

        printf("\n Merchant's price:$%.2f\n",x);

        printf("Quantity:%d\n",quantity);

        printf("Tax rate:%.2f%%\n",t);

        printf("Final price:$%.2f\n",y);

        return 0;

}
```