**Physics 1**

Calculate distance covered by a car travelling at 62m per sec in time of 10 sec.

**Explanation:**

We are given velocity of a car and time required to cover the distance. From the data the program calculates the distance covered by the car , as output, by multiplying velocity by time.

**INPUT:**

**#include<iostream>**

**#include<math.h>**

**#include<conio.h>**

**using namespace std;**

**int main()**

**{**

**//Question:**

**//Calculate distace covered by a car travelling at 62m per sec in time of 10 sec.**

**int Velocity=62;**

**int time=10;**

**int distance=Velocity \* time;**

**cout<<"Given: \n\n";**

**cout<<"Velocity of the car="<<Velocity<<" m per second \n";**

**cout<<"Time travelled by car="<<time<<" sec \n\n";**

**cout<<"To find: \n\n";**

**cout<<"Distance=? \n\n";**

**cout<<"Sol: \n\n";**

**cout<<"Distance= velocity \* time \n";**

**cout<<"Distance="<<Velocity<<" \* "<<time<<endl;**

**cout<<"Distance="<<distance<<" m ";**

**getch();**

**return 0;**

**}**

**OUTPUT:**

