*PROGRAM 4*

*#include<iostream.h>*

*#include<stdio.h>*

*#include<string.h>*

*class Travel*

*{*

*char tcode[10];*

*int NOA;*

*int NOC;*

*int distance;*

*float totalfare;*

*public:*

*Travel()*

*{*

*strcpy(tcode,"NULL");*

*NOA=0;*

*NOC=0;*

*distance=0;*

*totalfare=0;*

*}*

*void AssignFare()*

*{*

*if(distance>=1000)*

*totalfare=NOA\*500+NOC\*250;*

*else if(distance<1000 && distance>=500)*

*totalfare=NOA\*300+NOC\*150;*

*else if(distance<500)*

*totalfare=NOA\*200+NOC\*100;*

*}*

*void EnterTravel()*

*{*

*cout<<"Enter the tcode=";*

*gets(tcode);*

*cout<<endl;*

*cout<<"Enter the NOA=";*

*cin>>NOA;*

*cout<<endl;*

*cout<<"Enter the NOC=";*

*cin>>NOC;*

*cout<<endl;*

*cout<<"Enter the distance=";*

*cin>>distance;*

*AssignFare();*

*}*

*void ShowTravel()*

*{*

*puts(tcode);*

*cout<<NOA;*

*cout<<NOC;*

*cout<<distance;*

*cout<<totalfare;*

*}*

*};*

*void main()*

*{*

*Travel T;*

*T.EnterTravel();*

*T.ShowTravel();*

*}*

