```matlab
%Mini Project

%Airline Ticket Booking

%BY LAKSHAY EEE 3rd Semester


disp("Welcome")
disp("Press any key to continue")
pause()
place = menu('Select Destination','North America','South
America','Asia','Europe','Australlia','Stay Home')

switch place

    case 1

        disp("You clicked on North America")
        [x,y] = xlsread('North America.xlsx')
        prompt = {'Enter company name','Enter class','Enter your current place','enter
number of tickets','enter price'};
        title = 'Details';
        answer = inputdlg(prompt,title);
        com = (answer{1});
        cls = (answer{2});
        fr = (answer{3});
        n = str2num(answer{4});
        prc = str2num(answer{5});

        %com = input('enter comapny name --> ','s')
        %cls = input('enter class --> ','s')
        %fr = input('enter your current place --> ','s')
        %n = input('enter number of tickets --> ')
        %prc = input('enter price --> ')

        cost(n,prc);

    case 2

        disp("You clicked on South America")
        [x,y] = xlsread('South America.xlsx')

         prompt = {'Enter company name','Enter class','Enter your current place','enter
number of tickets','enter price'};
        title = 'Details';
        answer = inputdlg(prompt,title);
        com = (answer{1});
        cls = (answer{2});
        fr = (answer{3});
        n = str2num(answer{4});
        prc = str2num(answer{5});


        cost(n,prc);

    case 3

        disp("You clicked on Asia")
        [x,y] = xlsread('Asia.xlsx')


         prompt = {'Enter company name','Enter class','Enter your current place','enter
number of tickets','enter price'};
        title = 'Details';
        answer = inputdlg(prompt,title);
        com = (answer{1});
        cls = (answer{2});
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```matlab
        fr = (answer{3});
        n = str2num(answer{4});
        prc = str2num(answer{5});

        cost(n,prc);

    case 4

        disp("You clicked on Europe")
        [x,y] = xlsread('Europe.xlsx')

         prompt = {'Enter company name','Enter class','Enter your current place','enter
number of tickets','enter price'};
        title = 'Details';
        answer = inputdlg(prompt,title);
        com = (answer{1});
        cls = (answer{2});
        fr = (answer{3});
        n = str2num(answer{4});
        prc = str2num(answer{5});

        cost(n,prc);

    case 5

        disp("You clicked on Australlia")
        [x,y] = xlsread('Australlia.xlsx')

         prompt = {'Enter company name','Enter class','Enter your current place','enter
number of tickets','enter price'};
        title = 'Details';
        answer = inputdlg(prompt,title);
        com = (answer{1});
        cls = (answer{2});
        fr = (answer{3});
        n = str2num(answer{4});
        prc = str2num(answer{5});

        cost(n,prc);

    case 6

        error('You are staying Home')

    otherwise

        error('enjoy your day')

end

function [price] = cost(n,p)

    price = (n*p)+0.5*(n*p);
    disp('total amount to be paid')
    disp(price)
    disp('thank you')

end
Welcome
Press any key to continue

place =

     1

You clicked on North America
```

```
x =

    []


y =

  6×6 cell array

  Columns 1 through 4

    {'Company'          }    {'Class'    }    {'From'          }    {'Timings'}
    {'Alaska Airlines'  }    {'Buisness'}    {'South America'}    {'"1200"' }
    {'American Airlines'}    {'Economy' }    {'Asia'          }    {'"900"'  }
    {'Delta Air Lines'  }    {'Economy' }    {'Australlia'    }    {'"1400"' }
    {'Hawaiian Airlines'}    {'Buisness'}    {'Europe'        }    {'"2100"' }
    {'JetBlue'          }    {'First'   }    {'North America'}    {'"1900"' }

  Columns 5 through 6

    {'Tickets Available'}    {'Price' }
    {'"15"'             }    {'"3200"'}
    {'"25"'             }    {'"1500"'}
    {'"43"'             }    {'"1800"'}
    {'"22"'             }    {'"3000"'}
    {'"6"'              }    {'"5000"'}

total amount to be paid
      4200

thank you
```