#include<iostream>

#include <stdlib.h>

#include <conio.h>

using namespace std;

void page();

void doty();

void diana();

int main()

{

page();

}

void page()

{

int choose;

cout << "\t\t\t Data Structure and Algorithm\n\n";

cout << "\t\t\t-----------------------------\n";

cout << "\t\t\tOptions\n\n";

cout << "\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n\n";

cout << "\t\t\t [1] Sedorifa's Scenario'\n\n";

cout << "\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n\n";

cout << "\t\t\t [2] Ladigohon's Scenario'\n\n";

cout << "\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n\n";

cout << "\t\t\t [3] Exit\n\n";

cout << "\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n";

cout << "Enter your choice: ";

cin >> choose;

switch(choose)

{

case 1:

{

doty();

break;

}

case 2:

{

diana();

break;

}

case 3:

{

system("cls");

cout << "\n \t\t\tSedorifa, Dorothy P. \n";

cout << "\t\t\tLadigohon, Diana Rose R. \n";

break;

}

default:

{

system ("cls");

cout << "Invalid input" <<endl;

page();

}

}

}

void doty()

{

system("cls");

string a,b,c,d,e;

int age;

int lev;

cout << "Suppose, you were in a scenario where you ask a user about her personal data. \nIt will be needed in the Portfolio which is your final project. " <<endl;

cout << "\t\t\t\t \* PERSONAL DATA SHEET \*" << endl;

cout << "Name:";

cin >> a;

cout << "\Age: ";

cin>> age;

cout << "Gender:";

cin >> b;

cout << "Address: ";

cin>> c;

cout << "Year Level:";

cin>> lev;

cout << "Course:";

cin>> d;

cout << "School: ";

cin >> e;

system("cls");

cout << "\t\t\t\t \* PERSONAL DATA SHEET \*" << endl;

cout << "Name: " << a <<endl;

cout << "Age: " << age <<endl;;

cout << "Gender: " << b <<endl;;

cout << "Address: " << c <<endl;;

cout << "Year Level: " << lev <<endl;;

cout << "Course: " << d <<endl;;

cout << "School: " << e <<endl;;

system("pause");

system ("cls");

page();

}

void diana()

{

system("cls");

cout << "You are wondering how much money you spend a day. So, to find out how much you spend today,\nyou calculated it in order to find out how much the expenses is. " << endl;

int a,b;

int i, Num\_arr[50], sum, num;

cout<< "Enter how many things you bought today: ";

cin >> num;

cout<< "Enter amount of each things you bought: " <<endl;

for (i=0; i < num; i++)

{

cin>> Num\_arr[i];

}

sum=0;

for (i=0; i < num; i++)

{

sum=sum + Num\_arr[i];

}

cout << "\nTotal amount: " << sum <<endl;

cout << "So you spend " << sum << " everyday !";

system("pause");

system ("cls");

page();

}