#include <iostream>

using namespace std;

const int ROWS = 3; // Number of slabs

const int COLS = 3; // Number of columns in the matrix

// Function to calculate and display cost for slab 1

void costSlab1(int data[ROWS][COLS]) {

cout << "Bill for Slab 1 is:\n";

for (int i = 0; i < COLS; ++i) {

cout << data[0][i] \* 10 << endl;

}

}

// Function to calculate and display cost for slab 2

void costSlab2(int data[ROWS][COLS]) {

cout << "Bill for Slab 2 is:\n";

for (int i = 0; i < COLS; ++i) {

cout << data[1][i] \* 15 << endl;

}

}

// Function to calculate and display cost for slab 3

void costSlab3(int data[ROWS][COLS]) {

cout << "Bill for Slab 3 is:\n";

for (int i = 0; i < COLS; ++i) {

cout << data[2][i] \* 20 << endl;

}

}

int main() {

int studentID = 12345678;

int data[ROWS][COLS] = {

{65, 75, 55}, // Slab 1 data

{170, 150, 120}, // Slab 2 data

{210, 230, 240} // Slab 3 data

};

int choice;

char repeat;

do {

cout << "My Student ID is XY" << studentID << endl;

cout << "Enter your choice:\n";

cout << "Press 1 to display the bill of slab 1 and slab 2.\n";

cout << "Press 2 to display the bill of slab 3.\n";

cout << "Press any other key to exit.\n";

cin >> choice;

switch (choice) {

case 1:

costSlab1(data);

costSlab2(data);

break;

case 2:

costSlab3(data);

break;

default:

return 0; // Exit the program for any other key pressed

}

cout << "Do you want to continue? (y/n): ";

cin >> repeat;

} while (repeat == 'y' || repeat == 'Y');

return 0;

}