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\* File: main.cpp

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\* Purpose: UCR Program V4

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//System Libraries

#include <iostream>//Input/Output Library

#include <cstdlib> //Random Library

#include <ctime> //Time Library

using namespace std;

//User Libraries

//Global Constants, no Global Variables are allowed

//Math/Physics/Conversions/Higher Dimensions - i.e. PI, e, etc...

const string eng[5]={"Australia", "Bahamas", "Barbados", "Belize", "Dominica"};

const string span[5]={"Argentina", "Spain", "Mexico", "Bolivia", "Chile"};

const string fre[5]={"Benin", "Ivory Coast", "Haiti", "Monaco", "Senegal"};

const string ger[4]={"Austria", "Switzerland", "Germany", "Liechtenstein "};

const string ara[5]={"Algeria", "Egypt", "Iraq", "Kuwait", "Lebanon"};

const string por[5]={"Brazil", "Portugal", "Angola", "Cape Verde", "Guinea-Bissau"};

/\*English Speaking countries:

\* 1)Australia 2)Bahamas 3) Barbados 4)Belize 5)Dominica

\* Spanish Speaking Countries:

\* 1) Argentina 2)Spain 3)Mexico 4)Bolivia 5)Chile

\* French Speaking Countries:

\* 1)Benin 2)Ivory Coast 3)Haiti 4)Monaco 5)Senegal

\* German speaking countries:

\* 1)Austria 2)Switzerland 3)Germany 4)Liechtenstein

\* Arabic Speaking Countries:

\* 1)Algeria 2)Egypt 3)Iraq 4)Kuwait 5)Lebanon

\* Portuguese Speaking Countries:

\* 1)Brazil 2)Portugal 3)Angola 4)Cape Verde 5)Guinea-Bissau

\*/

//Function Prototypes Here

char options(char &);

//Execution Begins Here!

int main(int argc, char\*\* argv) {

//Declare Variables

char lang, medSpec;

cout<<"Welcome UCR Graduate!"<<endl;

cout<<"To get a better understanding of what country to match you "<<endl;

cout<<"with, we must first ask you a couple questions."<<endl;

cout<<"============================================================="<<endl;

cout<<"What language do you speak most fluently? (insert the letter "<<endl;

cout<<"associated with your answer and then press enter)"<<endl;

cout<<"(A)----English"<<endl;

cout<<"(B)----Spanish"<<endl;

cout<<"(C)----French"<<endl;

cout<<"(D)----German"<<endl;

cout<<"(E)----Arabic"<<endl;

cout<<"(F)----Portuguese"<<endl;

cin>>lang;

//Solve Problems

switch(lang){

case 'A':

case 'a': {

//Output Located Here

cout<<"============================================================="<<endl;

cout<<"You selected English."<<endl;

cout<<"What medical field do you consider yourself most specialized in?"<<endl;

cout<<"(A)----Anesthesiology"<<endl;

cout<<"(B)----Dermatology"<<endl;

cout<<"(C)----Geriatrics"<<endl;

cout<<"(D)----Neurology"<<endl;

cout<<"(E)----Pediatrics"<<endl;

cin>>medSpec;

break;

}

case 'B':

case 'b': {

//Output Located Here

cout<<"============================================================="<<endl;

cout<<"You selected Spanish."<<endl;

cout<<"What medical field do you consider yourself most specialized in?"<<endl;

cout<<"(A)----Anesthesiology"<<endl;

cout<<"(B)----Dermatology"<<endl;

cout<<"(C)----Geriatrics"<<endl;

cout<<"(D)----Neurology"<<endl;

cout<<"(E)----Pediatrics"<<endl;

cin>>medSpec;

break;

}

case 'C':

case 'c': {

//Output Located Here

cout<<"============================================================="<<endl;

cout<<"You selected French."<<endl;

cout<<"What medical field do you consider yourself most specialized in?"<<endl;

cout<<"(A)----Anesthesiology"<<endl;

cout<<"(B)----Dermatology"<<endl;

cout<<"(C)----Geriatrics"<<endl;

cout<<"(D)----Neurology"<<endl;

cout<<"(E)----Pediatrics"<<endl;

cin>>medSpec;

break;

}

case 'D':

case 'd': {

//Output Located Here

cout<<"============================================================="<<endl;

cout<<"You selected German."<<endl;

cout<<"What medical field do you consider yourself most specialized in?"<<endl;

cout<<"(A)----Anesthesiology"<<endl;

cout<<"(B)----Dermatology"<<endl;

cout<<"(C)----Geriatrics"<<endl;

cout<<"(D)----Neurology"<<endl;

cout<<"(E)----Pediatrics"<<endl;

cin>>medSpec;

break;

}

case 'E':

case 'e': {

//Output Located Here

cout<<"============================================================="<<endl;

cout<<"You selected Arabic."<<endl;

cout<<"What medical field do you consider yourself most specialized in?"<<endl;

cout<<"(A)----Anesthesiology"<<endl;

cout<<"(B)----Dermatology"<<endl;

cout<<"(C)----Geriatrics"<<endl;

cout<<"(D)----Neurology"<<endl;

cout<<"(E)----Pediatrics"<<endl;

cin>>medSpec;

break;

}

case 'F':

case 'f': {

//Output Located Here

cout<<"============================================================="<<endl;

cout<<"You selected Portuguese."<<endl;

cout<<"What medical field do you consider yourself most specialized in?"<<endl;

cout<<"(A)----Anesthesiology"<<endl;

cout<<"(B)----Dermatology"<<endl;

cout<<"(C)----Geriatrics"<<endl;

cout<<"(D)----Neurology"<<endl;

cout<<"(E)----Pediatrics"<<endl;

cin>>medSpec;

break;

}

}

switch(medSpec){

case 'A':

case 'a':{

cout<<"============================================================="<<endl;

cout<<"You picked Anesthesiology."<<endl;

options(medSpec);

if(lang='A'|| lang='a'){

cout<<"You can pick between"

}

else if(lang='B'|| lang='b'){

}

else if(lang='C'|| lang='c'){

}

else if(lang='D'|| lang='d'){

}

else if(lang='E'|| lang='e'){

}

else if(lang='F'|| lang='f'){

}

cout<<"You will be assigned to "<< eng[num] <<".";

// cout<<"You will be assigned to "<<eng;

break;

}

case 'B':

case 'b':{

cout<<"============================================================="<<endl;

cout<<"You picked Dermatology."<<endl;

cout<<"You will be assigned to "<< eng[num] <<".";

// cout<<"You will be assigned to "<<eng;

break;

}

case 'C':

case 'c':{

cout<<"============================================================="<<endl;

cout<<"You picked Geriatrics."<<endl;

num=rand()%5+1;

cout<<"You will be assigned to "<< eng[num] <<".";

// cout<<"You will be assigned to "<<eng;

break;

}

case 'D':

case 'd':{

cout<<"============================================================="<<endl;

cout<<"You picked Neurology."<<endl;

num=rand()%5+1;

cout<<"You will be assigned to "<< eng[num] <<".";

// cout<<"You will be assigned to "<<eng;

break;

}

case 'E':

case 'e':{

cout<<"============================================================="<<endl;

cout<<"You picked Pediatrics."<<endl;

num=rand()%5+1;

cout<<"You will be assigned to "<< eng[num] <<".";

// cout<<"You will be assigned to "<<eng;

break;

}

default: cout<<"That was not a choice."<<endl;

}

return 0;}

char options(char a,char &b){

if ((a='A' || a='a') && (b='A' || b='A')){

cout<<"Y"

}

return b;

}