#include<iostream>

#include<cmath>

#include<math.h>

#include<iomanip>

#include<string>

#include<sstream>

using namespace std;

void attendence();

void oht();

void aaa();

void eee();

void qqq();

struct student {

string name;

string address;

long long int phone;

string category;

string department;

int degree;

};

int main()

{

string ID;

student a1, a2, a3, a4, a5, a6, a7, a8, a9, a10;

cout << "\n WELCOME TO ONLINE NUST STUDENT SERVICE CENTER.\n\n ";

for (int y = 3; y >= 0; y--) {

cout << "PLEASE ENTER LOGIN ID: ";

cin >> ID;

if (ID == "hateeq.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "HAMZA ATEEQ";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "NFC LAHORE PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923329095564;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "sbshabir.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "SANNAN BIN SHABIR";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "VALENCIA LAHORE PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923321785434;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "abid.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "ALI ABID";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "SAMANABAD LAHORE PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923331687432;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "anaeembhatti.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "ABDULLAH NAEEM BHATTI";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "SHUJABAD ROAD MULTAN PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923047044095;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "raiaahmad.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "RAI ALI AHMAD";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "SARGHODA PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923046231441;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "abdtauqeer.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "ABDULLAH TAUQEER";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "SIALKOT PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923443237133;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "abdshahid.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "ABDULLAH SHAHID";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "MULTAN PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923041218650;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "mfaizan.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "MIA FAIZAN";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "DEFENCE LAHORE PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923124896330;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "fbutt.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "FAUZAN BUTT";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "RAWALPINDI PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923335659432;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else if (ID == "aahmasood.CEME@#1234") {

cout << " STUDENT INFO\n\n";

a1.name = "AHMAD MASOOD";

cout << "\nNAME OF STUDENT :" << a1.name << endl;

a1.address = "GOJRA PAKISTAN";

cout << "ADDRESS :" << a1.address << endl;

a1.phone = 923005440072;

cout << "PHONE NUMBER :" << a1.phone << endl;

a1.category = "NC";

cout << "CATEGORY :" << a1.category << endl;

a1.department = "MECHANICAL ENGINEERING";

cout << "DEPARTMENT :" << a1.department << endl;

a1.degree = 41;

cout << "DEGREE :" << a1.degree << endl;

attendence();

oht();

}

else

{

cout << "\n\nYOU HAVE ENTERED AN INVALID PASSWORD. PLEASE TRY AGAIN.\n";

cout << "YOUR TRIES LEFT: " << y <<"\n\n\n"<< endl;

}

}

}

void attendence()

{

double z, w, s;

int d;

cout << "\n\n\n ATTENDENCE PERCENTAGE \n\n ";

string sub[5] = { "CALCULUS","CHEMISTRY","PROGRAMMING","ISLAMIYAT","ENGLISH" };

for (int i = 0; i <= 4; i++) {

cout << "\n\n" << sub[i] << "\n" << endl;

cout << "ENTER THE TOTAL NUMBER OF CLASSES : ";

cin >> z;

cout << "ENTER THE CLASSES ATTENDED BY STUDENT: ";

cin >> w;

s = (w / z \* 100);

cout << "YOUR ATTENDENCE IS : " << s << " %" << endl;

if (s < 75)

{

cout << "\nSTUDENT IS UNABLE TO CLEAR THE SUBJECT DUE TO THE SHORTAGE OF ATTENDENCE." << endl;

}

else if (s >= 75 && s <= 85)

{

cout << "\nPLEASE FOCUS ON YOUR ATTENDENCE IN ORDER TO AVOID PROBATION." << endl;

}

else if (s > 85)

{

cout << "\nATTENDENCE IS GOOD. KEEP IT UP." << endl;

}

}

}

void oht()

{

cout << "\n\n\n QUIZES DETAILS" << endl;

qqq();

cout << "\n\n\n FIRST OHT DETAILS" << endl;

aaa();

cout << "\n\n\n SECOND OHT DETAILS" << endl;

aaa();

cout << "\n\n\n FINALS DETAILS" << endl;

eee();

}

void aaa()

{

string a[7][4];

a[0][0] = " SUBJECTS ";

a[2][0] = " CALCULUS ";

a[3][0] = " PROGRAMMING ";

a[4][0] = " ISLAMIYAT ";

a[5][0] = " CHEMISTRY ";

a[6][0] = " ENGLISH ";

a[0][1] = " TOTAL ";

a[0][2] = " OBTAINED ";

a[0][3] = "AVERAGE ";

cout << "\n\nENTER THE TOTAL MARKS OF CALCULUS : ";

cin >> a[2][1];

cout << "ENTER THE TOTAL MARKS OF PROGRAMMING : ";

cin >> a[3][1];

cout << "ENTER THE TOTAL MARKS OF ISLAMIYAT : ";

cin >> a[4][1];

cout << "ENTER THE TOTAL MARKS OF CHEMISTRY : ";

cin >> a[5][1];

cout << "ENTER THE TOTAL MARKS OF ENGLISH : ";

cin >> a[6][1];

cout << "\n\nENTER THE OBTAINED MARKS OF CALCULUS : ";

cin >> a[2][2];

cout << "ENTER THE OBTAINED MARKS OF PROGRAMMING : ";

cin >> a[3][2];

cout << "ENTER THE OBTAINED MARKS OF ISLAMIYAT : ";

cin >> a[4][2];

cout << "ENTER THE OBTAINED MARKS OF CHEMISTRY : ";

cin >> a[5][2];

cout << "ENTER THE OBTAINED MARKS OF ENGLISH : ";

cin >> a[6][2];

cout << "\n\nENTER THE AVERAGE MARKS OF CALCULUS : ";

cin >> a[2][3];

cout << "ENTER THE AVERAGE MARKS OF PROGRAMMING : ";

cin >> a[3][3];

cout << "ENTER THE AVERAGE MARKS OF ISLAMIYAT : ";

cin >> a[4][3];

cout << "ENTER THE AVERAGE MARKS OF CHEMISTRY : ";

cin >> a[5][3];

cout << "ENTER THE AVERAGE MARKS OF ENGLISH : ";

cin >> a[6][3];

cout << "\n\n";

for (int d = 0; d <= 6; d++) {

for (int u = 0; u <= 3; u++) {

cout << setw(20) << a[d][u];

}

cout << endl;

}

float a1, a2, a3, a4, a5, a6, a7, a8, a9, a10, a11, a13, a14, a15, a16, a22, a33, a44, a55, a66, a77, a88, a99, a222, a333;

stringstream s1(a[2][1]);

stringstream s2(a[2][2]);

stringstream s3(a[2][3]);

stringstream s4(a[3][1]);

stringstream s5(a[3][2]);

stringstream s6(a[3][3]);

stringstream s7(a[4][1]);

stringstream s8(a[4][2]);

stringstream s9(a[4][3]);

stringstream s10(a[5][1]);

stringstream s11(a[5][2]);

stringstream s13(a[5][3]);

stringstream s14(a[6][1]);

stringstream s15(a[6][2]);

stringstream s16(a[6][3]);

s1 >> a1;

s2 >> a2;

s3 >> a3;

s4 >> a4;

s5 >> a5;

s6 >> a6;

s7 >> a7;

s8 >> a8;

s9 >> a9;

s10 >> a10;

s11 >> a11;

s13 >> a13;

s14 >> a14;

s15 >> a15;

s16 >> a16;

cout << "\n\n\nYOUR OHT ACCUMULATIVE SCORE CALCULATION.\n\n " << endl;

cout << "EVERY OHT HAS WEIGHTAGE OF 15 MARKS OUT OF ABSOLUTE 100." << endl;

cout << "\nCALCULATIONS.\n\n";

cout << "CALCULUS\n\n";

a22 = ((a2) / (a1) \* 15);

a33 = ((a3) / (a1) \* 15);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTEEN IS : " << a22 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTEEN IS : " << a33 << endl;

cout << "\n\nPROGRAMMING\n\n";

a44 = ((a5) / (a4) \* 15);

a55 = ((a6) / (a4) \* 15);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTEEN IS : " << a44 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTEEN IS : " << a55 << endl;

cout << "\n\nISLAMIYAT\n\n";

a66 = ((a8) / (a7) \* 15);

a77 = ((a9) / (a7) \* 15);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTEEN IS : " << a66 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTEEN IS : " << a77 << endl;

cout << "\n\nCHEMISTRY\n\n";

a88 = ((a11) / (a10) \* 15);

a99 = ((a13) / (a10) \* 15);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTEEN IS : " << a88 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTEEN IS : " << a99 << endl;

cout << "\n\nENGLISH\n\n";

a222 = ((a15) / (a14) \* 15);

a333 = ((a16) / (a14) \* 15);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTEEN IS : " << a222 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTEEN IS : " << a333 << endl;

}

void eee()

{

string a[7][4];

a[0][0] = " SUBJECTS ";

a[2][0] = " CALCULUS ";

a[3][0] = " PROGRAMMING ";

a[4][0] = " ISLAMIYAT ";

a[5][0] = " CHEMISTRY ";

a[6][0] = " ENGLISH ";

a[0][1] = " TOTAL ";

a[0][2] = " OBTAINED ";

a[0][3] = "AVERAGE ";

cout << "\n\nENTER THE TOTAL MARKS OF CALCULUS : ";

cin >> a[2][1];

cout << "ENTER THE TOTAL MARKS OF PROGRAMMING : ";

cin >> a[3][1];

cout << "ENTER THE TOTAL MARKS OF ISLAMIYAT : ";

cin >> a[4][1];

cout << "ENTER THE TOTAL MARKS OF CHEMISTRY : ";

cin >> a[5][1];

cout << "ENTER THE TOTAL MARKS OF ENGLISH : ";

cin >> a[6][1];

cout << "\n\nENTER THE OBTAINED MARKS OF CALCULUS : ";

cin >> a[2][2];

cout << "ENTER THE OBTAINED MARKS OF PROGRAMMING : ";

cin >> a[3][2];

cout << "ENTER THE OBTAINED MARKS OF ISLAMIYAT : ";

cin >> a[4][2];

cout << "ENTER THE OBTAINED MARKS OF CHEMISTRY : ";

cin >> a[5][2];

cout << "ENTER THE OBTAINED MARKS OF ENGLISH : ";

cin >> a[6][2];

cout << "\n\nENTER THE AVERAGE MARKS OF CALCULUS : ";

cin >> a[2][3];

cout << "ENTER THE AVERAGE MARKS OF PROGRAMMING : ";

cin >> a[3][3];

cout << "ENTER THE AVERAGE MARKS OF ISLAMIYAT : ";

cin >> a[4][3];

cout << "ENTER THE AVERAGE MARKS OF CHEMISTRY : ";

cin >> a[5][3];

cout << "ENTER THE AVERAGE MARKS OF ENGLISH : ";

cin >> a[6][3];

cout << "\n\n";

for (int d = 0; d <= 6; d++) {

for (int u = 0; u <= 3; u++) {

cout << setw(20) << a[d][u];

}

cout << endl;

}

float a1, a2, a3, a4, a5, a6, a7, a8, a9, a10, a11, a13, a14, a15, a16, a22, a33, a44, a55, a66, a77, a88, a99, a222, a333;

stringstream s1(a[2][1]);

stringstream s2(a[2][2]);

stringstream s3(a[2][3]);

stringstream s4(a[3][1]);

stringstream s5(a[3][2]);

stringstream s6(a[3][3]);

stringstream s7(a[4][1]);

stringstream s8(a[4][2]);

stringstream s9(a[4][3]);

stringstream s10(a[5][1]);

stringstream s11(a[5][2]);

stringstream s13(a[5][3]);

stringstream s14(a[6][1]);

stringstream s15(a[6][2]);

stringstream s16(a[6][3]);

s1 >> a1;

s2 >> a2;

s3 >> a3;

s4 >> a4;

s5 >> a5;

s6 >> a6;

s7 >> a7;

s8 >> a8;

s9 >> a9;

s10 >> a10;

s11 >> a11;

s13 >> a13;

s14 >> a14;

s15 >> a15;

s16 >> a16;

cout << "\n\n\nYOUR FINALS ACCUMULATIVE SCORE CALCULATION.\n\n " << endl;

cout << "EVERY FINAL HAS WEIGHTAGE OF 50 MARKS OUT OF ABSOLUTE 100." << endl;

cout << "\nCALCULATIONS.\n\n";

cout << "CALCULUS\n\n";

a22 = ((a2) / (a1) \* 50);

a33 = ((a3) / (a1) \* 50);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTY IS : " << a22 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTY IS : " << a33 << endl;

cout << "\n\nPROGRAMMING\n\n";

a44 = ((a5) / (a4) \* 50);

a55 = ((a6) / (a4) \* 50);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTY IS : " << a44 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTY IS : " << a55 << endl;

cout << "\n\nISLAMIYAT\n\n";

a66 = ((a8) / (a7) \* 50);

a77 = ((a9) / (a7) \* 50);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTY IS : " << a66 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTY IS : " << a77 << endl;

cout << "\n\nCHEMISTRY\n\n";

a88 = ((a11) / (a10) \* 50);

a99 = ((a13) / (a10) \* 50);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTY IS : " << a88 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTY IS : " << a99 << endl;

cout << "\n\nENGLISH\n\n";

a222 = ((a15) / (a14) \* 50);

a333 = ((a16) / (a14) \* 50);

cout << "YOUR ACCUMULATIVE SCORE OUT OF FIFTY IS : " << a222 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF FIFTY IS : " << a333 << endl;

}

void qqq()

{

string a[7][4];

a[0][0] = " SUBJECTS ";

a[2][0] = " CALCULUS ";

a[3][0] = " PROGRAMMING ";

a[4][0] = " ISLAMIYAT ";

a[5][0] = " CHEMISTRY ";

a[6][0] = " ENGLISH ";

a[0][1] = " TOTAL ";

a[0][2] = " OBTAINED ";

a[0][3] = "AVERAGE ";

cout << "\n\nENTER THE TOTAL MARKS OF QUIZES OF CALCULUS : ";

cin >> a[2][1];

cout << "ENTER THE TOTAL MARKS OF QUIZES OF PROGRAMMING : ";

cin >> a[3][1];

cout << "ENTER THE TOTAL MARKS OF QUIZES OF ISLAMIYAT : ";

cin >> a[4][1];

cout << "ENTER THE TOTAL MARKS OF QUIZES OF CHEMISTRY : ";

cin >> a[5][1];

cout << "ENTER THE TOTAL MARKS OF QUIZES OF ENGLISH : ";

cin >> a[6][1];

cout << "\n\nENTER THE TOTAL OBTAINED MARKS OF CALCULUS : ";

cin >> a[2][2];

cout << "ENTER THE OBTAINED TOTAL MARKS OF PROGRAMMING : ";

cin >> a[3][2];

cout << "ENTER THE OBTAINED TOTAL MARKS OF ISLAMIYAT : ";

cin >> a[4][2];

cout << "ENTER THE OBTAINED TOTAL MARKS OF CHEMISTRY : ";

cin >> a[5][2];

cout << "ENTER THE OBTAINED TOTAL MARKS OF ENGLISH : ";

cin >> a[6][2];

cout << "\n\nENTER THE OVERALL AVERAGE MARKS OF CALCULUS : ";

cin >> a[2][3];

cout << "ENTER THE AVERAGE OVERALL MARKS OF PROGRAMMING : ";

cin >> a[3][3];

cout << "ENTER THE AVERAGE OVERALL MARKS OF ISLAMIYAT : ";

cin >> a[4][3];

cout << "ENTER THE AVERAGE OVERALL MARKS OF CHEMISTRY : ";

cin >> a[5][3];

cout << "ENTER THE AVERAGE OVERALL MARKS OF ENGLISH : ";

cin >> a[6][3];

cout << "\n\n";

for (int d = 0; d <= 6; d++) {

for (int u = 0; u <= 3; u++) {

cout << setw(20) << a[d][u];

}

cout << endl;

}

float a1, a2, a3, a4, a5, a6, a7, a8, a9, a10, a11, a13, a14, a15, a16, a22, a33, a44, a55, a66, a77, a88, a99, a222, a333;

stringstream s1(a[2][1]);

stringstream s2(a[2][2]);

stringstream s3(a[2][3]);

stringstream s4(a[3][1]);

stringstream s5(a[3][2]);

stringstream s6(a[3][3]);

stringstream s7(a[4][1]);

stringstream s8(a[4][2]);

stringstream s9(a[4][3]);

stringstream s10(a[5][1]);

stringstream s11(a[5][2]);

stringstream s13(a[5][3]);

stringstream s14(a[6][1]);

stringstream s15(a[6][2]);

stringstream s16(a[6][3]);

s1 >> a1;

s2 >> a2;

s3 >> a3;

s4 >> a4;

s5 >> a5;

s6 >> a6;

s7 >> a7;

s8 >> a8;

s9 >> a9;

s10 >> a10;

s11 >> a11;

s13 >> a13;

s14 >> a14;

s15 >> a15;

s16 >> a16;

cout << "\n\n\nYOUR QUIZES ACCUMULATIVE SCORE CALCULATION.\n\n " << endl;

cout << "EVERY QUIZ HAS WEIGHTAGE OF 20 MARKS OUT OF ABSOLUTE 100." << endl;

cout << "\nCALCULATIONS.\n\n";

cout << "CALCULUS\n\n";

a22 = ((a2) / (a1) \* 20);

a33 = ((a3) / (a1) \* 20);

cout << "YOUR ACCUMULATIVE SCORE OUT OF TWENTY IS : " << a22 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF TWENTY IS : " << a33 << endl;

cout << "\n\nPROGRAMMING\n\n";

a44 = ((a5) / (a4) \* 20);

a55 = ((a6) / (a4) \* 20);

cout << "YOUR ACCUMULATIVE SCORE OUT OF TWENTY IS : " << a44 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF TWENTY IS : " << a55 << endl;

cout << "\n\nISLAMIYAT\n\n";

a66 = ((a8) / (a7) \* 20);

a77 = ((a9) / (a7) \* 20);

cout << "YOUR ACCUMULATIVE SCORE OUT OF TWENTY IS : " << a66 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF TWENTY IS : " << a77 << endl;

cout << "\n\nCHEMISTRY\n\n";

a88 = ((a11) / (a10) \* 20);

a99 = ((a13) / (a10) \* 20);

cout << "YOUR ACCUMULATIVE SCORE OUT OF TWENTY IS : " << a88 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF TWENTY IS : " << a99 << endl;

cout << "\n\nENGLISH\n\n";

a222 = ((a15) / (a14) \* 20);

a333 = ((a16) / (a14) \* 20);

cout << "YOUR ACCUMULATIVE SCORE OUT OF TWENTY IS : " << a222 << endl;

cout << "YOUR ACCUMULATIVE AVERAGE OUT OF TWENTY IS : " << a333 << endl;

}