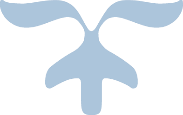


EDUCATION HELPER

PROJECT PROPOSAL





# SUBMITED BY:

Hassan Kamal Sp21-BCS-027 Chaudhary Ali SP21-BCS-007 TO:

# SIR MUZAFFAR IQBAL

**SEMESTER END PROJECT**

**Education Helper**

OVERVIEW

This semester end project “Education Helper” is specifically build for students of both Medical and Engineering field. This project is console based and is fully made in Java.

FEATURES

* This program will first ask the user to make a profile (name, email, password, FSC marks).
* The program will then ask whether the user is a medical student or engineering student.
* The program will then ask user to select a country in which he wants to study.
* After selecting any above mentioned choice, the program will display a list of Colleges/Universities of that country.
* The user will then select best choice from the list.
* In the end the program will display all the information related to that College and University.
* In the end the user can either quit the program or either he can restart the program to select another college.

PROGRAM CONSTRUCTION:

The program will be made on the following mentioned syntax of Java

* Loops (While, For)
* If else statements
* Methods
* Arrays
* Lists
* File Handling
* Exceptions (Try catch)

Modules:

**Module 1:**

* Profile creation
* Admin log in
* User Sign in
* User log in
* Password/Email updating

**Module 2:**

* Main Menu
* Selection of country
* Selection Field e.g. Medical or Engineering
* Selection of College/University

**Module 3:**

* Admin Control
* Add countries
* Remove countries

**Module 4:**

* Displaying the data

**Module 5:**

* Complaints
* Suggestions

Contribution:

**Hassan Kamal:**

* Project idea
* Project lead
* Researched whole data of Colleges and Universities
* Made the Main Menu of project
* User login and Sign
* File handling
* Helped teammates in their modules
* Handling, Editing and Compiling the project Source Code

**ALI JAVED:**

* Admin Menu
* Adding and Removing countries
* Admin login
* Adding Data in Arrays
* Suggestions
* Complaints
* Helping teammate in Logic building and compilation of code

**SOURCE CODE**

import java.io.File**;**import java.io.FileNotFoundException**;**import java.io.FileWriter**;**import java.io.IOException**;**import java.util.ArrayList**;**import java.util.InputMismatchException**;**import java.util.List**;**import java.util.Scanner**;**public class ProStart {  
 static Scanner *input* = new Scanner(System.*in*)**;** static List<String> *countries* = new ArrayList<>()**;** public static void main(String... args) {  
 *countries*.add("(UK) United Kingdom")**;** *countries*.add("(US) USA")**;** *countries*.add("(SW) Switzerland")**;** *countries*.add("(JAP) JAPAN")**;** *countries*.add("(BEL) BELGIUM")**;** *countries*.add("(ITL) ITALY")**;** *countries*.add("(CHI) CHINA")**;** *countries*.add("(AUS) AUSTRALIA")**;** *countries*.add("(FRA) FRANCE")**;** *countries*.add("(TUR) TURKEY")**;** *countries*.add("(DEN) DENMARK")**;** *countries*.add("(CAN) CANADA")**;** *countries*.add("(GER) GERMANY")**;** *countries*.add("(SK) SOUTH KOREA")**;** *INTRO*()**;** *Selection*()**;** }  
 static void INTRO() {  
 System.*out*.println("--------------------------------")**;** System.*out*.println(" WELCOME TO EDUCATION HELPER")**;** System.*out*.println("--------------------------------")**;** System.*out*.println("PRESS 1 TO SIGN IN")**;** System.*out*.println("PRESS 2 TO LOGIN")**;** System.*out*.println("PRESS 3 FOR ADMIN")**;** System.*out*.println("PRESS 4 TO EXIT ")**;** System.*out*.println("PRESS 5 TO SUGGESTIONS ")**;** System.*out*.println("PRESS 6 TO COMPLAINTS ")**;** }  
 static void Selection(){  
 // selection of menu  
 int option**;** // selection i.e 1,2,3  
 while (true) {  
 try {  
 option = *input*.nextInt()**;** if (option >= **1** && option <= **6**) {  
 break**;** } else  
 System.*out*.println("Invalid, Enter Valid Input")**;** } catch (InputMismatchException f) {  
 String MissMatch = *input*.next()**;** System.*out*.println("Enter Valid Input")**;** }  
 }  
 if (option == **1**) {  
 *SignIn*()**;** }  
 if (option == **2**) {  
 *LogIn*()**;** }if(option==**3**){  
 *AdminMenu*()**;** *Selection*()**;** }  
 if(option==**4**){  
 *Exit*()**;** }  
 if(option==**5**){  
 *Suggestions*()**;** *Exit*()**;** }  
 if(option==**6**){  
 *Complaints*()**;** *Exit*()**;** }  
 }  
 static void LogIn() {  
 System.*out*.println("-----------------------")**;** System.*out*.println(" LOG IN")**;** System.*out*.println("-----------------------")**;** while (true) {  
 System.*out*.println("enter username")**;** String username = *input*.next()**;** System.*out*.println("enter password")**;** String pass = *input*.next()**;** File User = new File("UserId.txt")**;** File Pass = new File("UserPass.txt")**;** try {  
 User.createNewFile()**;** Pass.createNewFile()**;** } catch (IOException e) {  
 e.printStackTrace()**;** }  
 try {  
 Scanner sc1 = new Scanner(User)**;** Scanner sc2 = new Scanner(Pass)**;** String check1 = sc1.nextLine()**;** String check2 = sc2.nextLine()**;** if (username.equals(check1) && (pass.equals(check2))) {  
 System.*out*.println("LOGGED IN SUCCESSFULLY")**;** System.*out*.println("-----------------------------")**;** break**;** } else  
 System.*out*.println("Invalid Password/Username")**;** } catch (FileNotFoundException e) {  
 e.printStackTrace()**;** }  
  
 }  
 *Field*()**;** }  
  
 static void SignIn() {  
 System.*out*.println("-----------------------")**;** System.*out*.println("Make Your Profile")**;** System.*out*.println("-----------------------")**;** while (true) {  
 try {  
 FileWriter d1 = new FileWriter("UserId.txt")**;** FileWriter d2 = new FileWriter("UserPass.txt")**;** System.*out*.println("Enter Username: ")**;** String username = *input*.next()**;** System.*out*.println("Enter Password: ")**;** String pass = *input*.next()**;** System.*out*.println("Enter Your Full Name")**;** String name = *input*.nextLine()**;** String blank = *input*.nextLine()**;** System.*out*.println("Enter FSC Marks")**;** int marks = *input*.nextInt()**;** d1.write(username)**;** d2.write(pass)**;** d1.close()**;** d2.close()**;** System.*out*.println("--------------------------------")**;** System.*out*.println(" Profile Created Successfully")**;** System.*out*.println("--------------------------------")**;** break**;** } catch (IOException e) {  
 e.printStackTrace()**;** }  
 }  
 System.*out*.println("PRESS 1 TO CONTINUE \nPRESS 2 TO CHANGE USERNAME/PASSWORD")**;** String choice = ""**;** while (true) {  
 choice = *input*.next()**;** if (choice.equals("1") || choice.equals("2")) {  
 break**;** } else {  
 System.*out*.println("Invalid Input")**;** choice = *input*.next()**;** }  
 }  
 if (choice.equals("1")) {  
 *INTRO*()**;** *Selection*()**;** }  
 if (choice.equals("2")) {  
 while (true) {  
 try {  
 FileWriter d1 = new FileWriter("UserId.txt")**;** FileWriter d2 = new FileWriter("UserPass.txt")**;** System.*out*.println("enter new username")**;** String username = *input*.nextLine()**;** String blank = *input*.nextLine()**;** System.*out*.println("enter new password")**;** String pass = *input*.nextLine()**;** d1.write(username)**;** d2.write(pass)**;** d1.close()**;** d2.close()**;** System.*out*.println("---------------------------------")**;** System.*out*.println(" Password changed Successfully")**;** System.*out*.println("---------------------------------")**;** break**;** } catch (IOException e) {  
 e.printStackTrace()**;** }  
 }  
  
 }  
 }  
 static void Suggestions(){  
 System.*out*.println("---------------------------")**;** System.*out*.println(" SUGGESTIONS")**;** System.*out*.println("---------------------------")**;** System.*out*.println("Enter Your Suggestions:")**;** String blank = *input*.nextLine()**;** String sug = *input*.nextLine()**;** System.*out*.println("Thank you for your Suggestions")**;** }  
 static void Complaints(){  
 System.*out*.println("---------------------------")**;** System.*out*.println(" COMPLAINTS")**;** System.*out*.println("---------------------------")**;** System.*out*.println("Enter your complaints if any: ")**;** String blank = *input*.nextLine()**;** String com = *input*.nextLine()**;** System.*out*.println("Thank you for your Complaints")**;** }  
 static void AdminMenu(){  
 System.*out*.println("---------------------------")**;** System.*out*.println(" ADMIN MENU")**;** System.*out*.println("---------------------------")**;** while(true) {  
 System.*out*.println("ENTER USERNAME")**;** String username = *input*.next()**;** System.*out*.println("ENTER PASSWORD")**;** String pass = *input*.next()**;** if (username.equals("hassan") && pass.equals("123")) {  
 System.*out*.println("---------------------------")**;** System.*out*.println(" Welcome To Admin Menu")**;** System.*out*.println("---------------------------")**;** break**;** } else  
 System.*out*.println("invalid Username/Password")**;** }  
 System.*out*.println("PRESS 1 TO REMOVE COUNTRIES\nPRESS 2 TO ADD COUNTRIES")**;** int count=**0;** int select = *input*.nextInt()**;** if(select==**1**) { // Removing countries  
 int n = **0;** for (int i = **0;** i < *countries*.size()**;** i++) {  
 count++**;** System.*out*.println(count+" "+*countries*.get(i))**;** // to print out all countries  
  
 }  
 *RemoveCountry*(*countries***,** n)**;** System.*out*.println()**;** int option**;** while (true) {  
 System.*out*.println("To Remove another country Press 1\nPress 2 to for Main Menu")**;** option = *input*.nextInt()**;** count=**0;** if(option==**1**){  
 for (int i = **0;** i < *countries*.size()**;** i++) {  
 count++**;** System.*out*.println(count+" "+*countries*.get(i))**;** // to print out all countries  
 }  
 *RemoveCountry*(*countries***,** n)**;** System.*out*.println()**;** }  
 if(option==**2**){  
 *INTRO*()**;** break**;** }  
 }  
 }  
 String n=" "**;** if(select==**2**){  
 // TO ADD COUNTRIES  
 for (int i = **0;** i < *countries*.size()**;** i++) {  
 count++**;** System.*out*.println(count+" "+*countries*.get(i))**;** // to print out all countries  
  
 }  
 *AddCountry*(*countries***,** n)**;** System.*out*.println()**;** int option**;** while (true) {  
 System.*out*.println("To Add another country Press 1\nPress 2 to for Main Menu")**;** option = *input*.nextInt()**;** count=**0;** if(option==**1**){  
 for (int i = **0;** i < *countries*.size()**;** i++) {  
 count++**;** System.*out*.println(count+" "+*countries*.get(i))**;** // to print out all countries  
 }  
 *AddCountry*(*countries***,** n)**;** System.*out*.println()**;** }  
 if(option==**2**){  
 *INTRO*()**;** break**;** }  
 }  
 }  
 }  
  
 static void Exit() {  
 System.*out*.println("-----------------------------")**;** System.*out*.println(" PROGRAM CLOSED")**;** System.*out*.println("-----------------------------")**;** }  
  
 static void Countries() {  
 // to print countries of LIST  
 System.*out*.println("--------------------------------------------------")**;** System.*out*.println("Select a Country in which you want to Study")**;** System.*out*.println(" E.g US,FRA,JAP ")**;** System.*out*.println("--------------------------------------------------")**;** for (int i = **0;** i < *countries*.size()**;** i++) {  
 System.*out*.println(*countries*.get(i))**;** // to print out all countries  
 }  
 }  
 static void Field() {  
 // to select medical or engineering field  
 System.*out*.println("Press 1 For Medical Colleges\nPress 2 For Engineering Universities")**;** String select = *input*.next()**;** while (true) {  
 if (select.equals("1")) {  
 *Countries*()**;** *MedicalCollges*()**;** break**;** }  
 if (select.equals("2")) {  
 *Countries*()**;** *EngineeringColleges*()**;** break**;** } else  
 System.*out*.println("Enter Valid Input")**;** select = *input*.next()**;** }  
 }  
 static void MedicalCollges() {  
 String select**;** while (true) {  
 select = *input*.next().toUpperCase()**;** if (select.equals("UK") || select.equals("US")|| select.equals("SW")|| select.equals("JAP")|| select.equals("BEL")|| select.equals("ITL")|| select.equals("CHI")  
 || select.equals("AUS")|| select.equals("FRA")|| select.equals("TUR")|| select.equals("DEN")|| select.equals("CAN")|| select.equals("GER") || select.equals("SK")) {  
 break**;** } else {  
 System.*out*.println("Invalid Input")**;** }  
 }  
  
  
  
 if (select.equals("UK")) {  
 String[] UKmedical = {"1) London Imperial College"**,** "2) Edinburgh Medical School (UCL)"**,** "3) Manchester NHS"**,** "4) Queen Mary University, London"**,** "5) St. George's, London University"**,** "6) Brighton and Sussex Medical College"**,** "7) Newman College"**,** "8) City College Birmingham"**,** "9) Citylabs Campus"**,** "10) London King's College"}**;** String []UKDetails = {"Semester Fee $1200\nHostels are available\nGlobal Ranking 23"**,**"Semester Fee $1500\nHostels are available\nGlobal Ranking 67"**,**"Semester Fee $1800\nHostels are not available\nGlobal Ranking 155"**,**"Semester Fee $1100\nHostels are available\nGlobal Ranking 222"**,** "Semester Fee $900\nHostels are available\nGlobal Ranking 455"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 190"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 255"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 655"**,**"Semester Fee $1500\nHostels are not available\nGlobal Ranking 275"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 661"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 1255"**,**}**;** *PrintingColleges*(UKmedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(UKmedical**,**n)**;** *SelectingCollege*(UKDetails**,**n)**;** }  
 if (select.equals("US")) {  
 String[] USAmedical = {"1) Marist College Hartwick"**,** "2) College Albany"**,** "3) College of pharmacy and Health Sciences"**,** "4) Claremont McKenna College"**,** "5)" +  
 " Harvey Mudd College"**,** "6) Pepperdine College"**,** "7) Agnes Scott College"**,** "8) Berry College"**,** "9) Emmanuel College"**,** "10) Dalton State College"}**;** String []USADetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"**,**}**;** *PrintingColleges*(USAmedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(USAmedical**,**n)**;** *SelectingCollege*(USADetails**,**n)**;** }  
 if (select.equals("SW")) {  
 String[] Switzerlandmedical = {"1) ETH Zurich College"**,** "2) Lucernae Medical College"**,** "3) Bern University of Applied Sciences"**,** "4) Zurich College of Medicine"}**;** String []SwitzerlandmedicalDetailsDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 976"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 657"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 1105"**,** "Semester Fee $1200\nHostels are available\nGlobal Ranking 222"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 675"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 292"  
 **,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 940"}**;** *PrintingColleges*(Switzerlandmedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Switzerlandmedical**,**n)**;** *SelectingCollege*(SwitzerlandmedicalDetailsDetails**,**n)**;** }  
 if (select.equals("JAP")) {  
 String[] Japanmedical = {"1) Tokyo University of Science"**,** "2)Rikkyo University"**,** "3) Hiroshima Jogakuin College"**,** "4) Onomichi City University"**,** "5)" +  
 " Kyoto Gakuen University"**,** "6) Osaka Medical College"**,** "7) Kansai Medical University"**,** "8) Osaka Dental University"**,** "9) Gifu College of Nursing"**,** "10) Nagasaki International University"}**;** String []JAPDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"**,**}**;** *PrintingColleges*(Japanmedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Japanmedical**,**n)**;** *SelectingCollege*(JAPDetails**,**n)**;** }  
 if (select.equals("BEL")) {  
 String[] Belgiummedical = {"1) Universite Libre de Bruxelles"**,** "2) Vesalius College"**,** "3) EPHEC University College"**,** "4) Erasmus University College Brussels"**,** "5)" +  
 " Antwerp Maritime Academy"**,** "6) The Institute of Tropical Medicine"**,** "7) Artesis Hogeschool Antwerpen"**,** "8) Haute Ecole Lucia de Brouckere"}**;** String []BELDetails = {"Semester Fee $1900\nHostels are available\nGlobal Ranking 176"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"**,**"Semester Fee $1100\nHostels are not available\nGlobal Ranking 125"**,**"Semester Fee $1750\nHostels are available\nGlobal Ranking 512"**,** "Semester Fee $1700\nHostels are available\nGlobal Ranking 975"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 492"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"**,** "Semester Fee $1800\nHostels are available\nGlobal Ranking 855"**,**"Semester Fee $1300\nHostels are not available\nGlobal Ranking 795"**,**}**;** *PrintingColleges*(Belgiummedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Belgiummedical**,**n)**;** *SelectingCollege*(BELDetails**,**n)**;** }  
 if (select.equals("ITL")) {  
 String[] Italymedical = {"1) Campus Bio-Medico University of Rome"**,** "2) Sapienza University of Rome"**,** "3) The International Telematic University"**,** "4) Sant Anna School"**,** "5)" +  
 " Scuola Normale Superiore"**,** "6) University of Siena"**,** "7) Domus Academy"**,** "8) IULM University of Milan"**,** "9) Marangoni Institute Milan"}**;** String []ITLDetails = {"Semester Fee $1900\nHostels are available\nGlobal Ranking 176"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"**,**"Semester Fee $1100\nHostels are not available\nGlobal Ranking 125"**,**"Semester Fee $1750\nHostels are available\nGlobal Ranking 512"**,** "Semester Fee $1700\nHostels are available\nGlobal Ranking 975"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 492"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"**,** "Semester Fee $1800\nHostels are available\nGlobal Ranking 855"}**;** *PrintingColleges*(Italymedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Italymedical**,**n)**;** *SelectingCollege*(ITLDetails**,**n)**;** }  
 if (select.equals("CHI")) {  
 String[] Chinamedical = {"1) Chang ‘an University"**,** "2) Xia Dian University"**,** "3) Peking University"**,** "4) Claremont McKenna College"**,** "5)" +  
 " Beijing Normal University"**,** "6) Renmin University of Chinae"**,** "7) Tianjin Chengjiang University"}**;** String []CHIDetails = {"Semester Fee $1900\nHostels are available\nGlobal Ranking 176"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"**,**"Semester Fee $1100\nHostels are not available\nGlobal Ranking 125"**,** "Semester Fee $1750\nHostels are available\nGlobal Ranking 512"**,** "Semester Fee $1700\nHostels are available\nGlobal Ranking 975"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 492"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"**,**}**;** *PrintingColleges*(Chinamedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Chinamedical**,**n)**;** *SelectingCollege*(CHIDetails**,**n)**;** }  
 if (select.equals("AUS")) {  
 String[] Austrailiamedical = {"1) University of Melbourne"**,** "2) Monash University"**,** "3) Asia Pacific International College"**,** "4) Macquarie University"**,** "5)" +  
 " University of New South Wales"**,** "6) Australian National University"**,** "7) University of Canberra"**,** "8) Australian Institute of Family Counselling"}**;** String []AUSDetails = {"Semester Fee $1900\nHostels are available\nGlobal Ranking 176"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"**,**"Semester Fee $1100\nHostels are not available\nGlobal Ranking 125"**,** "Semester Fee $1750\nHostels are available\nGlobal Ranking 512"**,** "Semester Fee $1700\nHostels are available\nGlobal Ranking 975"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 492"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"}**;** *PrintingColleges*(Austrailiamedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Austrailiamedical**,**n)**;** *SelectingCollege*(AUSDetails**,**n)**;** }  
 if (select.equals("FRA")) {  
 String[] Francemedical = {"1) Le Cordon Bleu"**,** "2) Paris Dauphine University"**,** "3) ECE Paris Ecole d’Igenieurs."**,** "4) INSA Lyon"**,** "5)" +  
 " Jean Moulin University"**,** "6) Joseph Fourier university"**,** "7) University of Grenoble"**,** "8) Paul Sabatier University"**,** "9) INSA Toulouse"}**;** String []FRADetails = {"Semester Fee $1900\nHostels are available\nGlobal Ranking 176"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"**,**"Semester Fee $1100\nHostels are not available\nGlobal Ranking 125"**,** "Semester Fee $1750\nHostels are available\nGlobal Ranking 512"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 975"**,** "Semester Fee $1700\nHostels are available\nGlobal Ranking 975"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 492"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"}**;** *PrintingColleges*(Francemedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Francemedical**,**n)**;** *SelectingCollege*(FRADetails**,**n)**;** }  
 if (select.equals("TUR")) {  
 String[] Turkeymedical = {"1) Ankara Yildirim Beyazit University"**,** "2) Chanakya university (central campus)"**,** "3) Atilim university"**,** "4) Hacettepe university"}**;** String []TURDetails = {"Semester Fee $1900\nHostels are available\nGlobal Ranking 176"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"}**;** *PrintingColleges*(Turkeymedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Turkeymedical**,**n)**;** *SelectingCollege*(TURDetails**,**n)**;** }  
 if (select.equals("DEN")) {  
 String[] Denmarkmedical = {"1) Center for RNA Medicine"**,** "2) Institute for Medicine of Sundhedsteknologi "**,** "3) Aalborg University Hospital"**,** "4) Institute for Klinisk Medicin, Aarhus Universität"**,** "5)" +  
 " Health, Aarhus Universität"**,** "6) Department of Biomedicine, Aarhus University"**,** "7) Københavns Universität"**,** "8) The University of Copenhagen Health and Medical Sciences"**,** "9) School of Global Health, University of Copenhagen"**,** "10) Odense University Hospital"}**;** String []DENDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(Denmarkmedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Denmarkmedical**,**n)**;** *SelectingCollege*(DENDetails**,**n)**;** }  
 if (select.equals("CAN")) {  
 String[] Canadamedical = {"1) Marist College Hartwick"**,** "2) College Albany"**,** "3) College of pharmacy and Health Sciences"**,** "4) University of Stuttgart"**,** "5)" +  
 " Institut für Bildungsprozessforschung und Bildungsmanagement"**,** "6) University of Hohenheim"**,** "7) International School of Management, Campus Stuttgart"**,** "8) Asklepios Medical College"}**;** String []CANDetails = {"Semester Fee $1900\nHostels are available\nGlobal Ranking 176"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 327"**,**"Semester Fee $1100\nHostels are not available\nGlobal Ranking 125"**,** "Semester Fee $1750\nHostels are available\nGlobal Ranking 512"**,** "Semester Fee $1700\nHostels are available\nGlobal Ranking 975"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 492"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 140"}**;** *PrintingColleges*(Canadamedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Canadamedical**,**n)**;** *SelectingCollege*(CANDetails**,**n)**;** }  
 if (select.equals("GER")) {  
 String[] Germanymedical = {"1) Carl Remigius Medical School"**,** "2) Macromedia University of Applied Sciences"**,** "3) Technische Universität München"**,** "4) Ludwig Maximilian University of Munich"**,** "5)" +  
 " IFS Studentenkurse – Institut Dr. Rampitsch Berlin"**,** "6) Pepperdine College"**,** "7) Agnes Scott College"**,** "8) Berry College"**,** "9) Emmanuel College"**,** "10) Dalton State College"}**;** String []GERDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(Germanymedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(Germanymedical**,**n)**;** *SelectingCollege*(GERDetails**,**n)**;** }  
 if (select.equals("SK")) {  
 String[] SouthKoreamedical = {"1) Ewha Womans University"**,** "2) Hanyang University"**,** "Seoul National University"**,** "4) Dongduk Women’s University"**,** "5)" +  
 " Duksung Women’s University"**,** "6) Korea Maritime and Ocean University"**,** "7) Silla University"**,** "8) Tongmyung University"**,** "9) Korea National University"**,** "10) Sejong University"}**;** String []SKDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(SouthKoreamedical)**;** int n= *input*.nextInt()**;** *SelectingCollege*(SouthKoreamedical**,**n)**;** *SelectingCollege*(SKDetails**,**n)**;** }  
 System.*out*.println()**;** System.*out*.println("To select another college PRESS 1\nTo Exit PRESS 2")**;** System.*out*.println()**;** int option = *input*.nextInt()**;** if(option==**1**){  
 *Field*()**;** }  
 if(option==**2**){  
 *Exit*()**;** }  
 }  
 static void EngineeringColleges(){  
 String select**;** while (true) {  
 select = *input*.next().toUpperCase()**;** if (select.equals("UK") || select.equals("US")|| select.equals("SW")|| select.equals("JAP")|| select.equals("BEL")|| select.equals("ITL")|| select.equals("CHI")  
 || select.equals("AUS")|| select.equals("FRA")|| select.equals("TUR")|| select.equals("DEN")|| select.equals("CAN")|| select.equals("GER") || select.equals("SK")) {  
 break**;** } else {  
 System.*out*.println("Invalid Input")**;** }  
 }  
  
  
 if (select.equals("UK")) {  
 String[] UKEngineer = {"1) University of Cambridge"**,** "2) University of Oxford"**,** "3) Birkbeck, University of London"**,** "4) Edinburgh Napier University, London"**,** "5) Heriot-Watt University"**,** "6) University of Informatics ,Edinburgh"**,** "7) Manchester Metropolitan University"**,** "8) University of Mechanical, Aerospace and Civil Engineering"**,** "9) University of Bolton"**,** "10) Birmingham City University"}**;** String []UKDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(UKEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(UKEngineer**,**n)**;** *SelectingCollege*(UKDetails**,**n)**;** }  
 if (select.equals("US")) {  
 String[] USAEngineer = {"1) Adelphi University"**,** "2) Cornell University"**,** "3) State University of New York Institute of Technology"**,** "4) Alliant International University"**,** "5)" +  
 " Stanford University"**,** "6) University of Georgia"**,** "7) Georgia Institute of Technology"**,** "8) University of California, Los Angeles"**,** "9) Loyola Marymount University"**,** "10) Capitol Technology University"}**;** String []USADetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(USAEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(USAEngineer**,**n)**;** *SelectingCollege*(USADetails**,**n)**;** }  
 if (select.equals("SW")) {  
 String[] SwitzerlandEngineer = {"1) Kalaidos University of Applied Sciences"**,** "2) SBS Swiss University"**,** "3) Swiss Federal Institute of Technology Lausanne"**,** "4) Federal Institute of Technology in Lausanne"}**;** String []SWDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(SwitzerlandEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(SwitzerlandEngineer**,**n)**;** *SelectingCollege*(SWDetails**,**n)**;** }  
 if (select.equals("JAP")) {  
 String[] JapanEngineer = {"1) University of Tokyo"**,** "2)Tokyo Institute of Technology"**,** "3) Shibaura Institute of Technology"**,** "4) Advanced Institute of Industrial Technology"**,** "5)" +  
 " Hiroshima Institute of Technology"**,** "6) Doshisha University"**,** "7) Kyoto University"**,** "8) Osaka Dental University"**,** "9) Kyoto Institute of Technology"**,** "10) Osaka Institute of Technology"}**;** String []JAPDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(JapanEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(JapanEngineer**,**n)**;** *SelectingCollege*(JAPDetails**,**n)**;** }  
 if (select.equals("BEL")) {  
 String[] BelgiumEngineer = {"1) BSIS University of Kent"**,** "2) European Institute of Innovation and Technology"**,** "3) Universite Saint-Louis –Bruxelles"**,** "4) Karel de Grote University College"**,** "5)" +  
 " BI Norwegian Business School"**,** "6) University of Oslo"**,** "7) Bergen University College"**,** "8) Bocconi University"}**;** String []BELDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(BelgiumEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(BelgiumEngineer**,**n)**;** *SelectingCollege*(BELDetails**,**n)**;** }  
 if (select.equals("ITL")) {  
 String[] ItalyEngineer = {"1) Guglielmo Marconi University"**,** "2) John Cabot University"**,** "3) University Niccolò Cusano"**,** "4) European University Institute"**,** "5)" +  
 " University of Pisa"**,** "6) University of Messina"**,** "7) University of Catania"**,** "8) University of Pavia"**,** "9) Marangoni Institute Milan"}**;** String []ITLDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(ItalyEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(ItalyEngineer**,**n)**;** *SelectingCollege*(ITLDetails**,**n)**;** }  
 if (select.equals("CHI")) {  
 String[] ChinaEngineer = {"1) Shaanxi Normal University."**,** "2) Xi´an International Studies University"**,** "3) The Central Academy of Engineering, China."**,** "4) Beijing Jiao tong University"**,** "5)" +  
 " Hebei University of Technology"**,** "6) Civil Aviation University of China"**,** "7) South China University of Technology"}**;** String []CHIDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(ChinaEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(ChinaEngineer**,**n)**;** *SelectingCollege*(CHIDetails**,**n)**;** }  
 if (select.equals("AUS")) {  
 String[] AustrailiaEngineer = {"1) Holmes Institute"**,** "2) RMIT University"**,** "3) Melbourne Institute of Technology."**,** "4) University of Sydney"**,** "5)" +  
 " University of Technology, Sydney"**,** "6) Melbourne School of Engineering"**,** "7) Academy of Information Technology"**,** "8) Canberra Institute of Technology"}**;** String []AUSDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(AustrailiaEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(AustrailiaEngineer**,**n)**;** *SelectingCollege*(AUSDetails**,**n)**;** }  
 if (select.equals("FRA")) {  
 String[] FranceEngineer = {"1) Institute European\_ European Institute (IE. EI)."**,** "2) University of Nice Sophia Antipolis"**,** "3) Higher Institute of Aeronautics and space"**,** "4) Grenoble Institute of Technology"**,** "5)" +  
 " Claude Bernard university Lyon "**,** "6) Ecole Centrale de Lyon"**,** "7) Institute of Information Technology, Electronic, Automation"**,** "8) Pierre and Mari Curie University."**,** "9) Paris Sorbonne University"**,** "10) Paris West University Nanterre La Defense"}**;** String []FRADetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(FranceEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(FranceEngineer**,**n)**;** *SelectingCollege*(FRADetails**,**n)**;** }  
 if (select.equals("TUR")) {  
 String[] TurkeyEngineer = {"1) Middle East technical university"**,** "2) Ankara university"**,** "3) Istanbul Technical University"**,** "4) Yildiz Technical University"**,**"5) Ghazi university"}**;** String []TURDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(TurkeyEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(TurkeyEngineer**,**n)**;** *SelectingCollege*(TURDetails**,**n)**;** }  
 if (select.equals("DEN")) {  
 String[] DenmarkEngineer = {"1) Aalborg University"**,** "2) Technical University of Aalbrog "**,** "3) Aarhus University School of Engineering"**,** "4) The University of Copenhagen"**,** "5)" +  
 " IT University of Copenhagen"**,** "6) Metropolitan University College"**,** "7) Copenhagen Polytechnic"**,** "8) Syddansk Erhvervsakademi"**,** "9) University of Southern Denmark"**,** "10) Via University College. Horsens"}**;** String []DENDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(DenmarkEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(DenmarkEngineer**,**n)**;** *SelectingCollege*(DENDetails**,**n)**;** }  
 if (select.equals("CAN")) {  
 String[] CanadaEngineer = {"1) University of Waterloo"**,** "2) University of Toronto"**,** "3) University of British Columbia"**,** "4) University of Ontario Institute Technology"**,** "5)" +  
 " Vancouver Island University"**,** "6) University Canada West"**,** "7) Ryerson University"**,** "8) Ontario Tech University"}**;** String []CANDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(CanadaEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(CanadaEngineer**,**n)**;** *SelectingCollege*(CANDetails**,**n)**;** }  
 if (select.equals("GER")) {  
 String[] GermanyEngineer = {"1) Simon Fraser University"**,** "2) Capilano University"**,** "3) University of Alberta"**,** "4) Technical University of Munich"**,** "5)" +  
 " Technical University of Berlin"**,** "6) Karlsruhe Institute of Technology"**,** "7) University of Duisburg-Essen"**,** "8) Technical University of Darmstadt"**,** "9) \n" +  
 "Technical University of Dresden"**,** "10) Braunschweig University of Technology"}**;** String []GERDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"**,** "Semester Fee $2100\nHostels are not available\nGlobal Ranking 881"**,**"Semester Fee $1700\nHostels are available\nGlobal Ranking 891"}**;** *PrintingColleges*(GermanyEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(GermanyEngineer**,**n)**;** *SelectingCollege*(GERDetails**,**n)**;** }  
 if (select.equals("SK")) {  
 String[] SouthKoreaEngineer = {"1) Seoul National University of Scieance and Technology"**,** "2) Hansung University"**,** "3) Kyungsung University"**,** "4)" +  
 " Dong-A University"**,** "5) Sungkyunwan University"**,** "6) Sogang University"**,** "7) Hongik University"**,** "8) Soongsil University"**,** "9) Catholic University of Korea"}**;** String []SKDetails = {"Semester Fee $900\nHostels are available\nGlobal Ranking 76"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 627"**,**"Semester Fee $1000\nHostels are not available\nGlobal Ranking 105"**,**"Semester Fee $1200\nHostels are available\nGlobal Ranking 322"**,** "Semester Fee $700\nHostels are available\nGlobal Ranking 775"**,**"Semester Fee $2200\nHostels are available\nGlobal Ranking 192"**,**"Semester Fee $1400\nHostels are not available\nGlobal Ranking 540"**,**"Semester Fee $1800\nHostels are available\nGlobal Ranking 955"**,**"Semester Fee $1600\nHostels are not available\nGlobal Ranking 295"}**;** *PrintingColleges*(SouthKoreaEngineer)**;** int n= *input*.nextInt()**;** *SelectingCollege*(SouthKoreaEngineer**,**n)**;** *SelectingCollege*(SKDetails**,**n)**;** }  
 System.*out*.println()**;** System.*out*.println("To select another college PRESS 1\nTo Exit PRESS 2")**;** System.*out*.println()**;** int option = *input*.nextInt()**;** if(option==**1**){  
 *Field*()**;** }  
 if(option==**2**){  
 *Exit*()**;** }  
  
  
 }  
  
  
 public static void PrintingColleges(String x[]) {  
  
 for (int i = **0;** i < x.length**;** i++) {  
 System.*out*.println(x[i] + "")**;** }  
 System.*out*.println("----------------------------------")**;** System.*out*.println(" Select a College E.g 1,2,3")**;** System.*out*.println("----------------------------------")**;** }  
  
 public static void SelectingCollege(String arr[]**,**int num) {  
 while (true) {  
 try {  
 // num = input.nextInt();  
 num = num - **1;** // because index of array starts from 0  
  
 if (num >=**0** && num <= arr.length) {  
 System.*out*.println(arr[num])**;** break**;** } else {  
 System.*out*.println("Invalid Input")**;** }  
  
 }  
 catch (InputMismatchException e) {  
 String MissMatch = *input*.next()**;** System.*out*.println("Pls Enter a Integer Value")**;** }  
 }  
  
 }  
  
 static void RemoveCountry(List<String>n**,**int a){  
 System.*out*.println("----------------------------------")**;** System.*out*.println("Select a Country to Remove E.g 1,2,3")**;** System.*out*.println("----------------------------------")**;** while(true){  
 try{  
 a = *input*.nextInt()**;** if(a>**0** && a<=n.size()){  
 a=a-**1;** n.remove(a)**;** System.*out*.println("Country Removed Successfully")**;** break**;** }  
 else  
 System.*out*.println("Invalid Input")**;** }  
 catch(InputMismatchException e){  
 String Missmatch = *input*.next()**;** System.*out*.println("invalid, Enter String")**;** }  
 }  
  
 }  
 static void AddCountry(List<String>n**,**String a) {  
 System.*out*.println("----------------------------------")**;** System.*out*.println(" ADD ANY COUNTRY YOU WANT")**;** System.*out*.println("----------------------------------")**;** String blank = *input*.nextLine()**;** a = *input*.nextLine()**;** n.add(a)**;** System.*out*.println("Country ADDED Successfully")**;** }  
}

**END**