//reference : <https://www.youtube.com/watch?v=GURClZeR96E&t=662s>

// https://docs.oracle.com/javase/tutorial/rmi/implementing.html

package com.sdsu.edu;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.Scanner;

public class Student {

@SuppressWarnings("resource")

public static void main(String[] args) {

try{

//Returns a reference to the remote object Registry on the specified host and port.

Registry reg= LocateRegistry.getRegistry("127.0.0.1",1099);

MessageInterface mi=(MessageInterface)reg.lookup("vkbind");

int i=0;

//we take the name from the user

System.out.println("Enter your name: ");

Scanner scanner = new Scanner(System.in);

String name = scanner.nextLine();

while(i==0)

{

//we take the course name from user

System.out.println("Enter the course name to be waived: ");

scanner = new Scanner(System.in);

String course=scanner.nextLine();

//we invoke the method to send the name and course

mi.studentRequest(name, course);

//this checks whether the user wants to enter the course again

System.err.println("Do you want to enter other courses(y/n): ");

while(true){

scanner = new Scanner(System.in);

String choice=scanner.nextLine();

//if he is not interested then it will end the student process

if(choice.toLowerCase().equals("n"))

{

System.out.print("-------END OF STUDENT PROCESS-----");

i=1;

break;

}

else if(choice.toLowerCase().equals("y"))

{

break;

}

else

System.err.println("Please enter valid option: Enter 'Y' to waive another course and 'N' to stop");

}

}

}

catch(Exception e)

{

e.printStackTrace();

}

}

}