CODE 1:

import java.util.Scanner;

class Course

{

String CourseName;

double CourseCredit;

double CoursePrice;

public Course(String cn, double cc, double cp)

{

CourseName = cn;

CourseCredit = cc;

CoursePrice = cp;

}

public String toString()

{

return CourseName + " " + CourseCredit + " " + CoursePrice;

}

String getCourseName()

{

return CourseName;

}

void setCourseName(String cn)

{

CourseName = cn;

}

double getCourseCredit()

{

return CourseCredit;

}

void setCourseCredit(double cc)

{

CourseCredit = cc;

}

double getCoursePrice()

{

return CoursePrice;

}

void setCoursePrice(double cp)

{

CoursePrice = cp;

}

static double sum=0;

}

public class CourseOutline

{

static Course[] CourseArray = new Course[10];

public static void searchbyCourse(String name)

{

for (int i = 0; i < 3; i++)

{

if (CourseArray[i].getCourseName().equals(name)) {

System.out.print(CourseArray[i].getCourseName()+"\t\t\t\t\t\t");

System.out.print(CourseArray[i].getCourseCredit()+"\t\t\t\t\t");

System.out.println(CourseArray[i].getCoursePrice());

Course.sum=Course.sum+CourseArray[i].getCoursePrice();

}

}

}

public static void main(String[] args)

{

Scanner input = new Scanner(System.in);

System.out.println("How many Courses your varsity offered: ");

int n = input.nextInt();

for (int i = 0; i < n; i++)

{

input.nextLine();

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

String cn = input.nextLine();

System.out.println("Enter course credit:");

double cc = input.nextDouble();

System.out.println("Enter course price:");

double cp = input.nextDouble();

CourseArray[i] = new Course(cn, cc, cp);

System.out.println(CourseArray[i].toString());

}

System.out.println("");

System.out.println("You can take only three courses in one semester.");

System.out.println("Input your advising courses name one by one:");

System.out.println("");

String[] cn1 = new String[3];

for (int i = 0; i < 3; i++)

{

input.nextLine();

System.out.println("Enter course name:"+(i+1));

cn1[i] = input.next();

}

System.out.println("");

System.out.println("Here is the advising slip: \n");

System.out.println("Course name \t\t Course Credit \t\t\t Course Price:");

for (int i = 0; i < 3; i++)

{

searchbyCourse(cn1[i]);

}

System.out.println("---------------------------------------------------------------");

System.out.println("Total Cost of the courses : "+Course.sum);

}

}

CODE 2:

import java.util.Scanner;

class Item

{

String FoodName;

double FoodQuantity;

double FoodPrice;

public Item(String cn, double cc, double cp)

{

FoodName = cn;

FoodQuantity = cc;

FoodPrice = cp;

}

public String toString()

{

return FoodName + " " + FoodQuantity + " " + FoodPrice;

}

static double sum=0;

}

public class BurgerKing {

static Item[] ItemArray = new Item[10];

public static void searchbyCourse(String name,int p,int n)

{

for (int i=0; i<n; i++)

{

if (ItemArray[i].FoodName.equals(name))

{

System.out.print(ItemArray[i].FoodName+"\t\t\t\t\t");

System.out.print(ItemArray[i].FoodQuantity\*p+"\t\t\t\t");

System.out.println(ItemArray[i].FoodPrice\*p);

Item.sum=Item.sum+(ItemArray[i].FoodPrice\*p);

}

}

}

public static void main(String[] args)

{

System.out.println("\t\t\t\t\t\t WELCOME TO 'BURGER KING'\n");

Scanner input = new Scanner(System.in);

System.out.println("How many types of food Burger King have: ");

int n = input.nextInt();

for (int i=0; i<n; i++)

{

input.nextLine();

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

String cn = input.nextLine();

double cc = 1;

System.out.println("Enter food quantity:\n"+cc);

System.out.println("Enter food price:");

double cp = input.nextDouble();

ItemArray[i] = new Item(cn, cc, cp);

System.out.println(ItemArray[i].toString());

}

System.out.println("");

System.out.println("You can take only take two food at a time");

System.out.println("Input your food name one by one:");

System.out.println("");

String[] cn1 = new String[2];

int []x = new int[2];

for (int i=0; i<2; i++)

{

input.nextLine();

System.out.println("Enter food name:"+(i+1));

cn1[i] = input.nextLine();

System.out.println("Enter food quantity:"+(i+1));

x[i] =input.nextInt();

}

System.out.println("");

System.out.println("Here is the bill slip: \n");

System.out.println("Food name \t Quantity \t Food Price:");

for (int i=0; i<2; i++)

{

searchbyCourse(cn1[i],x[i],n);

}

System.out.println("---------------------------------------------------------------");

System.out.println("Total Cost of the foods: "+Item.sum);

}

}