50 pts

Name 1: _____

Name 2: _____

Class Day / Time: _____

Due Date: _____

Lab #1: CS1A Review – Theme Park Day Planner

You are organizing an event at an amusement park for you and your friends. Each of you is taking some kids. You want to know which kids to take to which activities and what to buy them for lunch. There are 10 kids in total. Finally, you want to output the total cost for the food and admission to the park and the average cost per kid.

The program will prompt for the following information about each kid
- ❖ name,
- ❖ age , and
- ❖ if they are vegetarian
- ❖ if they eat cheese

The program will provide output for the following
- ❖ Which Attractions to take the child to:

AGE	ADMISSION FEE	ATTRACTIONS
Less than 5	$0	Ferris Wheel/Sheep Petting Zoo
Between 5 & 12 (inclusive)	$15	Tea Cups/Laser Tag
Over 12	$20	Roller Coaster/Zip Line

- ❖ They will meet before lunch and provide food for the kids based on their eating preferences

FOOD ITEMS	COST	PREFERENCE
Cheeseburgers	$3.50	not Vegetarian (eats cheese)
Hamburgers	$3.25	not Vegetarian (does not eat cheese)
Cheese Pizza	$2.50	Vegetarian (eats cheese)
Happy Garden	$1.75	Vegetarian (does not eat cheese)

TURN IN (stapled and in this order)
- 1 — Turn in the **FIRST PAGE ONLY** of this assignment as a cover sheet.
- 2 — Output (cut and pasted into a txt file in eclipse)
- 3 — Source Code (printed from eclipse — PROPERLY DOCUMENTED)

Make sure it conforms to the style detailed in the lecture notes (including line numbers, printed out directly from main.cpp)

Screen INPUT/OUTPUT - should be formatted as follows – (Class heading should be also displayed)

Welcome to the Theme Park Planner! Please input each kid's information.

Kid #1:
What is your kid's name?   Austin Vaday
How old is the kid?   14
Vegetarian (Y/N)?   Y
Does he/she like cheese (Y/N)?   Y

Austin will be going on the Roller Coaster and the Zip Line.
Pack a Cheese Pizza for Austin!

Kid #2:
What is your kid's name?   Andrew Daniels
How old is the kid?   5
Vegetarian (Y/N)?   Y
Does he/she like cheese (Y/N)?   N

Andrew will be going on the Tea Cups and will be playing Laser Tag.
Pack a Happy Garden meal for Andrew!

Kid #3:
What is your kid's name?   Anthony Ramirez
How old is the kid?   16
Vegetarian (Y/N)?   N
Does he/she like cheese (Y/N)?   N

Anthony will be going to the Roller Coaster and the Zip Line.
Pack a Hamburger for Anthony!

Kid #4:
What is your kid's name?   Erik Karlsson
How old is the kid?   4
Vegetarian (Y/N)?   N
Does he/she like cheese (Y/N)?   Y

Erik will be going on the Ferris Wheel and will be visiting the Sheep Petting Zoo.
Pack a Cheeseburger for Erik!

Kid #5:
What is your kid's name?   Daniel Bumblebee
How old is the kid?   2
Vegetarian (Y/N)?   Y
Does he/she like cheese (Y/N)?   Y

Daniel will be going on the Ferris Wheel and will be visiting the Sheep Petting Zoo.
Pack a Cheese Pizza for Daniel!

Kid #6:

What is your kid 's name?   Swaggy P.
How old is the kid?   16
Vegetarian (Y/N)?   Y
Does he/she like cheese (Y/N)?   N

Swaggy will be going on the Roller Coaster and the Zip Line.
Pack a Happy Garden meal for Swaggy!

Kid #7:
What is your kid's name?   Inigo Montoya
How old is the kid?   3
Vegetarian (Y/N)?   Y
Does he/she like cheese (Y/N)?   N

Inigo will be going on the Ferris Wheel and will be visiting the Sheep Petting Zoo.
Pack a Happy Garden meal for Inigo!

Kid #8:
What is your kid's name?   Daniel Andrews
How old is the kid?   13
Vegetarian (Y/N)?   N
Does he/she like cheese (Y/N)?   Y

Daniel will be going on the Roller Coaster and the Zip Line.
Pack a Cheeseburger for Daniel!

Kid #9:
What is your kid's name?   Amanda Kissenhugg
How old is the kid?   7
Vegetarian (Y/N)?   N
Does he/she like cheese (Y/N)?   N

Amanda will be going on the Tea Cups and will be playing Laser Tag.
Pack a Hamburger for Amanda!

Kid #10:
What is your kid's name?   Dooby McFoosen
How old is the kid?   6
Vegetarian (Y/N)?   N
Does he/she like cheese(Y/N)?   Y

Dooby will be going on the Tea Cups and will be playing Laser Tag.
Pack a Cheeseburger for Dooby!

The total cost for the day is: $152.25
The average cost per kid is: $ 15.23