Pseudo & Flowchart

public class PetCheckOut {

For the identity of the pet (Dog or Cat)

Get the name of the pet

Identify boarding space number

We calculate the total fees based on the pet's stay duration, weight, and grooming fee (if applicable).

For the calculation of total fees

If pet is a dog

If dogs’ weight is >= 30 lbs.’, daily boarding fee is $34.00 a day

if days stayed is > than 2 and dog was groomed apply $29.95

Else if dogs’ weight is between 20 – 30 lbs., daily boarding fee is $29.00 a day

if days stayed is > than 2 and dog was groomed apply $24.95

Else dog is fewer than 20 lbs., daily boarding fee is $24.00 a day

if days stayed is > than 2 and dog was groomed apply $19.95

If pet is a cat

No grooming fee applied; daily boarding fee is $18.00 a day regardless of weight

Finally, we display the total fees and confirm that the space is now available for another pet.

After the pet is checked out, we mark the space as vacant so it can be used for another pet in the future

Start Pet Checkout

Identify boarding number

The pet is a Cat

The pet is a dog

Make space available for next pet

Charge if dog was groomed

Charge by weight of the dog

Charge amount of days stayed

Calculate fees/Collect Payment

Complete Checkout