Java Lab assignment

25 points

The program pet\_lab.java has been started for you and is stored on blackboard. The program reads in the pet type …dog, cat or other (only the words dog, cat, other) and the appointment amount.

You are to make the following changes:

* Add a loop that reads data until the user wishes to stop
* Count and print the number of dogs, cats and other pets
* Calculate and print the total paid for dogs, cats and other pets
* Calculate and print the total payment of all pets seen
* Print which pet is seen the most, dogs, cats, or other

Please upload your code to blackboard

**Sample Java while loop:**

package while\_simple;

import javax.swing.JOptionPane;

public class while\_simple

{

public static void main(String[] args)

{

String data,more="yes";

int num,sum=0;

while(more.equals("yes"))

{

data=JOptionPane.*showInputDialog*(null, "Enter number","Input Data", JOptionPane.*QUESTION\_MESSAGE*);

num=Integer.*parseInt*(data);

sum=sum+num;

more=JOptionPane.*showInputDialog*(null, "Enter more? yes/no","Input Data", JOptionPane.*QUESTION\_MESSAGE*);

}

System.*out*.println("Sum = "+sum);

System.*exit*(0);

}

}

**Sample C++ while loop:**

#include<iostream>

#include<string>

using namespace std;

int main()

{

string data,more="yes";

int num,sum=0;

while(more=="yes")

{

cout<<"Enter a number ";

cin>>num;

sum=sum+num;

cout<<"Enter more? yes/no ";

cin>>more;

}

cout<<"Sum = "<<sum<<endl;

system("pause");

return 0;

}