PROBLEM 1

Q. 4. WAP that simulates the event calendar for the operations

1. Add event with budget

2. Remove event

3. Display the total budget for all events and

4. Exit.

It allows the customer to add/remove the events in the calendar. Finally displays the total

budget for the events entered by the customer

import java.util.\*;

import java.io.\*;

class Event{

int budget;

String event\_name;

Event(String event\_name,int budget){

this.event\_name=event\_name;

this.budget=budget;

}

}

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

Vector v=new Vector();

do{

System.out.println("Enter your choice:\n1. Add an event\n2. Remove event\n3. Display Total budget\n4. Exit");

switch(sc.nextInt()){

case 1:System.out.println("Enter the name and the budget");

Event e=new Event(sc.next(),sc.nextInt());

v.add(e);

break;

case 2:String n;

int flag=0;

Iterator itr=v.iterator();

System.out.println("Enter the event to be deleted");

n=sc.next();

Event q;

while(itr.hasNext()){

q=(Event)itr.next();

if(q.event\_name.equals(n)){

itr.remove();

flag=1;

break;

}

}

if(flag==1){

System.out.println("The entered event is deleted");

}

else{

System.out.println("Entered event is not present");

}

break;

case 3:Iterator itr1=v.iterator();

Event i;

int total;

while(itr1.hasNext()){

i=(Event)itr1.next();

total += i.budget;

}

System.out.println("The total budget for all events: "+total);

break;

case 4:System.exit(0);

}

}while(true);

}

}

OUTPUT:

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

1

Enter the name and the budget

xyz 20000

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

1

Enter the name and the budget

abc 60000

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

1

Enter the name and the budget

lmn 15000

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

1

Enter the name and the budget

pqr 30000

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

1

Enter the name and the budget

asd 25000

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

2

Enter the event to be deleted

abc

The entered event is deleted

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

2

Enter the event to be deleted

gui

Entered event is not present

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

3

The total budget for all events: 90000

Enter your choice:

1. Add an event

2. Remove event

3. Display Total budget

4. Exit

4