# Program:

import java.util.Scanner;

class Entry

{

Scanner in= new Scanner(System.in);

String name;

long phno;

Entry()

{

System.out.println("\nEnter The Following Details: ");

System.out.print("Name : ");

name=in.nextLine();

System.out.print("Phone Number : ");

phno=in.nextLong();

}

void showentry()

{

System.out.println("\nDetails:");

System.out.println("Name : " + name);

System.out.println("Phone Number : " + phno);

}

}

class Donation extends Entry

{

Scanner in= new Scanner(System.in);

int amount;

static double totalamount=0;

static int totalentries=0;

Donation()

{

System.out.print("Donation Amount: ");

amount=in.nextInt();

totalentries++;

totalamount+=amount;

}

void showdonation()

{

showentry();

System.out.println("Amount Given : "+amount);

}

}

class Main

{

public static void main(String[] args)

{

String m;

Scanner t=new Scanner(System.in);

int option=1,x;

Donation list[]=new Donation[100];

int q=0;

do

{

int p;

System.out.println("\nEnter Your Choice\n1.Donate\n2.Search A Donation\n3.Statistics\n4.List Of All Entries\n5.Exit");

p=t.nextInt();

switch (p)

{

case 1:

list[q++]=new Donation();

break;

case 2:

System.out.print("\nEnter Name: ");

m=t.next();

for(x=0;x<q;x++)

{

if(list[x].name.equals(m))

list[x].showdonation();

}

break;

case 3:

System.out.println("\nTotal Amount Collected : " + Donation.totalamount + "\nTotal Number Of Entries: " + Donation.totalentries);

break;

case 4:

System.out.println("");

for(int u=0;u<q;u++)

System.out.println((u+1)+". "+list[u].name);

break;

case 5:

option=0;

break;

default:

System.out.println("Invalid Option Try Again!");

break;

}

} while (option==1);

}

}

# Output:

