***LoadBalancer.java***

import java.util.Scanner;

class LoadBalancer{

static void printLoad(int servers, int processes){

int each = processes / servers;

int extra = processes % servers;

int total = 0;

for (int i = 0;i < servers ;i++ ) {

if (extra --> 0)

total = each + 1;

else

total = each;

System.out.println("Server " + (char)('A'+i) + " has " + total + " Processes");

}

}

public static void main(String []args){

Scanner sc = new Scanner(System.in);

System.out.print("Enter the number of servers and processes: ");

int servers = sc.nextInt();

int processes = sc.nextInt();

while(true){

printLoad(servers, processes);

System.out.println("1.Add Server\n2.Remove Server\n3.Add Processes\n4.Remove Processes\n5.Exit");

switch(sc.nextInt()){

case 1: System.out.print("How many More Servers?:");

servers += sc.nextInt();

break;

case 2: System.out.print("How many servers to Remove?: ");

servers -= sc.nextInt();

break;

case 3: System.out.print("How many More Processes?:");

processes += sc.nextInt();

break;

case 4: System.out.print("How many Processes to Remove?: ");

processes -= sc.nextInt();

break;

case 5: return;

}

}

}

}

**Output:**





