**Code**

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.print("1.Add Servers 2.Remove Servers 3.Add Processes 4.Remove Processes 5.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**

