2.factor program

import java.util.\*;

public class Result {

public static void main(String[] args){

Scanner in = new Scanner(System.in);

System.out.print(" ");

int x = in.nextInt();

System.out.println(result(x));

}

public static int result(int num) {

int nr = 0;

for(int i=1; i<=(int)Math.sqrt(num); i++) {

if(num%i==0 && i\*i!=num) {

nr+=2;

} else if (i\*i==num) {

nr++;

}

}

return nr;

}

}