Assigment 1

**P1.** Compare 2 numbers

var a,b: int;

read (a);

read (b);

if (a > b) {

write (a);

}

Else {

write (b);

}

**P2.** Check if number is prime

var a, noOfDiv, copie: int ;

read (a);

if (a <= 1){

write („Not prime”)

}

Else{

if (a == 2){

write („Is prime”);

}

else {

noOfDiv = 0;

copie = 2;

while ( copie < a){

if (a % copie == 0){

noOfDiv += 1;

}

copie +=1;

}

if (noOfDiv != 0 ){

write („Is prime”);

}

Else{

write („Not prime”);

}

**P3.** Sum of digits

var sum, a: int;

read (a);

while (a > 0){

sum += a % 10;

a /= 10;

}

write („sum of digits is ”, a);