//program 1

start(): Integer{

Integer number\_1 = 10;

Integer number\_2 = 20;

Integer number\_3 = 30;

if ( number\_1 > number\_2 && number\_1 > number\_3 ){

print(number\_1);

}

else if ( number\_2 > number\_1 && number\_2 > number\_3 ){

print(number\_2);

}

else if ( number\_3 > number\_1 && number\_3 > number\_2 ){

print(number\_3);

}

else{

print("Values are not unique");

}

return 0;

}

//program 2

start(): Integer {

Integer i, n;

Boolean is\_prime = true;

read(n);

// 0 and 1 are not prime numbers

if (n == 0 || n == 1) {

is\_prime = false;

}

else {

for (i=2; i <= n/2; i++) {

if (n % i == 0) {

is\_prime = false;

break;

}

}

}

if (is\_prime){

print("prime number");

}

else{

print("not a prime number");

}

return 0;

}

//program 3 – cel fara erori

start(): Integer{

Integer[] my\_array = [1, 2, 3, 4, 5];

Integer array\_length = 5, i = 0;

Integer sum = 0;

for(i = 0; i < array\_length; i++){

sum = sum + my\_array[i];

}

print(sum);

}

//program 4 – cel cu erori

start(): Integer{

Integer[] my@array = [1, 2, 3, 4, 5]; //prima eroare

Integer array%length = 5, i = 0; //a doua eroare

Integer sum = 0;

for(i = 0; i < array\_length; i++){

sum = sum + my\_array[i];

}

print(sum);

}