

№ _____
на № _____ от _____

1) Var

F, F1: array[1..100000] of integer;

N, X, A, A1, b, i: integer;

input: text;

output: text;

begin

assign(input);

reset(input);

readln(input, n);

for i:=1 to n do begin

read(input, F[i]);

end;

close(input);

a1:=1;

b:=0;

a:=n;

For $i := 1$ to n do Begin

$x := 1$;

~~While~~ While $x \leq F[i]$ do begin

$a := F[i] \bmod x$;

if $a = 0$ then $b := b + 1$;

~~While~~ $x := x + 1$;

end;

if $b = 2$ then $F[a] := F[a] + 1$ else $a := a + 1$;

$b := 0$;

~~end~~ end;

For $i := 1$ to a_1 do begin

if $F_1[i] < F[i]$ then begin

$F_1[i] := F[i]$;

end;

end;

assign (output) ;

reset (output) ;

WriteLn (output, $F_1[i]$);

close (output);

end.