

Олимпиадные задания  
за 2019-2020 учеб. год  
ученик 11 А класса



```
11 Var      d, p, M : integer ;  
      M           : longint ;  
begin  
  read (M);  
  p := 1000;  
  d := 1 ;  
  while p < M do  
  begin  
    p := p + p  
    d := d + 1  
  end ;  
  writeln (d);  
end.
```

```
Var  
begin  
  read (M);  
  p := 0;  
  for i := 1 to (M - 1) do  
    if (i mod 2 = 1) and (i mod 3 = 1) and  
      (i mod 4 = 1) and (i mod 5 = 1) and
```

$(i \bmod 6 = 1)$  and  $(i \bmod < p)$

then

$p := i;$

writeIn( $p$ );

end.

Var  $a$ : array  $[1..40]$  of integer;  $N3$

$M, i$  : integer

begin

$a[1] := 1;$

$a[2] := 1;$

read( $M$ );

for  $i := 3$  to  $M$  do

$a[i] := a[i-1] + a[i-2];$

writeIn( $a[M]$ );

end.