```
Do[
 Do[F[i] = Mod[n, i];
   (*Print[F[i]]*), {i, 2, n/2}]
  (*Do[If[F[i]==0,{Print["no"];Break[];}],{i,2,n/2}]*)
  Do[If[Product[F[i], {i, 2, n/2}] == 0,
    {Print["no"]; Break[];}, {Print[n]; Break[];}], {i, 2, n/2}], {n, 2, 15}]
```

no

5

no

7

no

no

no

11

no

13

no

no