> *# sets of 3 primes can have the form p,p+2+6a, p+6+6b.*

> *# where a and b are integers.*

> *# for example, let p be a prime number*

> *# p, p+8,p+18*

> **for** *a* **from** 1 **to** 20 **do**
>   *temp* := *ithprime*(*a*) :
>   **if** *isprime*(*temp*+8) **and** *isprime*(*temp*+18) **then** *print*(" all three of", *temp*, *temp*+8, "and",
>   *temp*+18, "are prime") **end if**;
>   **end do**:

$$\text{" all three of", 5, 13, "and", 23, "are prime"}$$
$$\text{" all three of", 11, 19, "and", 29, "are prime"}$$
$$\text{" all three of", 23, 31, "and", 41, "are prime"}$$
$$\text{" all three of", 29, 37, "and", 47, "are prime"}$$
$$\text{" all three of", 53, 61, "and", 71, "are prime"}$$
$$\text{" all three of", 71, 79, "and", 89, "are prime"} \tag{1}$$

> *# good example*

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