

```

> # another good try
> ppair := proc (d)
  local a, b;
  description "display the lesser of a prime pair, with difference d";
  b := { };
  for a by 2 to 101 do
    if isprime(a) and isprime(a+d) then b := `union`(b, {a})
    end if
  end do;
  return b
end proc;

```

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  end do;
  return b
end proc

```

(1)

```

> # yay, no errors

```

```

> ppair(2)
{3, 5, 11, 17, 29, 41, 59, 71, 101}

```

(2)

```

> ppair(4)
{3, 7, 13, 19, 37, 43, 67, 79, 97}

```

(3)

```

> ppair(6)
{5, 7, 11, 13, 17, 23, 31, 37, 41, 47, 53, 61, 67, 73, 83, 97, 101}

```

(4)

```

> ppair(8)
{3, 5, 11, 23, 29, 53, 59, 71, 89, 101}

```

(5)

```

> ppair(10)
{3, 7, 13, 19, 31, 37, 43, 61, 73, 79, 97}

```

(6)

```

>

```