```
SPACE = Z[x]; MODT = [7, 11, 13, 17, 19]; MODT = (mo_i);
for(i = 1; i < 20; i = i + 1) \{n = 10; f = \mathbf{randomPolynom}(n, 100, 5); k = \mathbf{rem}(i, 5) + 1; mod_v = mo_k; \}
                   variant = i; \mathbf{print}(variant, mod_v, f); 
out:
variant = 1
 mod_v = 11
 f = 19x^{10} + 10x^9 + 28x^8 + 11x^7 + 16x^6 + 22x^5 + 5x^4 + 20x^3 + 20x^2 + 25x + 24
variant = 2
 mod_v = 13
  f = 17x^{10} + 15x^9 + 10x^8 + 15x^7 + 2x^6 + 15x^5 + 2x^4 + 10x^3 + 25x^2 + 15x + 8
variant = 3
 mod_v = 17
  f = 28x^{10} + 11x^9 + 31x^7 + 17x^6 + 11x^5 + 13x^4 + 22x^3 + 25x^2 + 21x + 1
variant = 4
 mod_v = 19
  f = 27x^{10} + 18x^9 + 22x^8 + 13x^7 + 4x^6 + 3x^5 + 16x^4 + 25x^3 + 12x^2 + 9x + 30
variant = 5
 mod_v = 7
  f = 31x^{10} + 11x^9 + 26x^8 + 26x^7 + 18x^6 + 15x^5 + 7x^4 + 7x^3 + 30x^2 + 23x + 22
variant = 6
 mod_v = 11
  f = 19x^{10} + 7x^9 + 10x^8 + 29x^7 + 10x^6 + 24x^5 + 8x^4 + 23x^3 + 26x^2 + 23
variant = 7
 mod_v = 13
 f = 12x^{10} + 26x^9 + 12x^8 + 14x^7 + 31x^6 + 13x^5 + 28x^4 + 31x^3 + 30x^2 + 29x + 9
variant = 8
 mod_v = 17
  f = 2x^{10} + 12x^9 + 17x^8 + 21x^7 + 17x^6 + 26x^5 + 17x^4 + 25x^3 + 27x^2 + 7x + 20
variant = 9
 mod_v = 19
  f = 20x^{10} + 24x^9 + 3x^8 + 7x^7 + 23x^6 + 18x^5 + 27x^4 + 8x^3 + 5x^2 + 28x + 31
variant = 10
 mod_v = 7
  f = 30x^{10} + 5x^9 + 28x^8 + 24x^7 + 18x^6 + 14x^5 + 19x^4 + 5x^3 + 30x + 14
variant = 11
 mod_v = 11
  f = 24x^{10} + x^9 + 17x^7 + 4x^6 + 5x^5 + 7x^4 + 31x^2 + 26x + 15
variant = 12
 mod_v = 13
  f = 25x^{10} + 12x^9 + 31x^8 + 12x^7 + 28x^6 + 24x^5 + 24x^3 + 7x^2 + 16x + 12x^3 + 12x^3 + 12x^4 + 12x^5 + 
variant = 13
 mod_v = 17
  f = 21x^{10} + 30x^9 + 9x^8 + 20x^7 + 9x^6 + x^5 + 19x^4 + 27x^2 + x + 5
variant = 14
 mod_v = 19
 f = 20x^{10} + 25x^9 + 15x^8 + x^7 + 27x^6 + 8x^4 + 5x^3 + 10x^2 + 22x + 25
variant = 15
 mod_v = 7
```

```
f = 16x^{10} + 11x^9 + 23x^8 + 2x^6 + 26x^5 + 21x^4 + 28x^3 + 4x^2 + 31x + 3
variant = 16
mod_v = 11
f = 5x^{10} + 21x^9 + 24x^8 + 7x^7 + 14x^6 + x^5 + 27x^4 + 28x^3 + 16x^2 + 15x + 27
variant = 17
mod_v = 13
f = 28x^{10} + 18x^9 + 18x^8 + 28x^7 + 19x^6 + 29x^5 + 27x^4 + 9x^3 + 9x^2 + 8x + 1
variant = 18
mod_v = 17
f = 2x^{10} + 9x^9 + 10x^8 + 30x^7 + 13x^6 + 19x^5 + 6x^4 + 19x^3 + 28x^2 + 27x + 15
variant = 19
mod_v = 19
f = 3x^{10} + 19x^9 + 9x^8 + 12x^7 + 22x^6 + 18x^5 + x^4 + 4x^3 + 2x^2 + 4x + 27
```