

Program 122d

(poly wants a chart)

Program Description: Given the following 6th degree polynomial:

$$y = x^6 - 3x^5 - 93x^4 + 87x^3 + 1596x^2 - 1380x - 2800$$

Write a program that will produce a chart value for y of all integers between -12 and 16.

Required statements: output, loop control

Sample Copy:

x	y
12	189728e+06
-11	982800
-10	453600
-9	173888
8	45360
-7	0
-6	-6400
-5	0
4	6048
-3	7280
-2	4320
-1	0
0	-2800
1	-2592
2	0
3	2240
4	0
5	-10800
6	-32032
7	-60480
8	-84240
9	-78400
10	0
11	217728
12	671840
13	149688e+06
14	28728e+06
15	50336e+06
16	827669e+06

