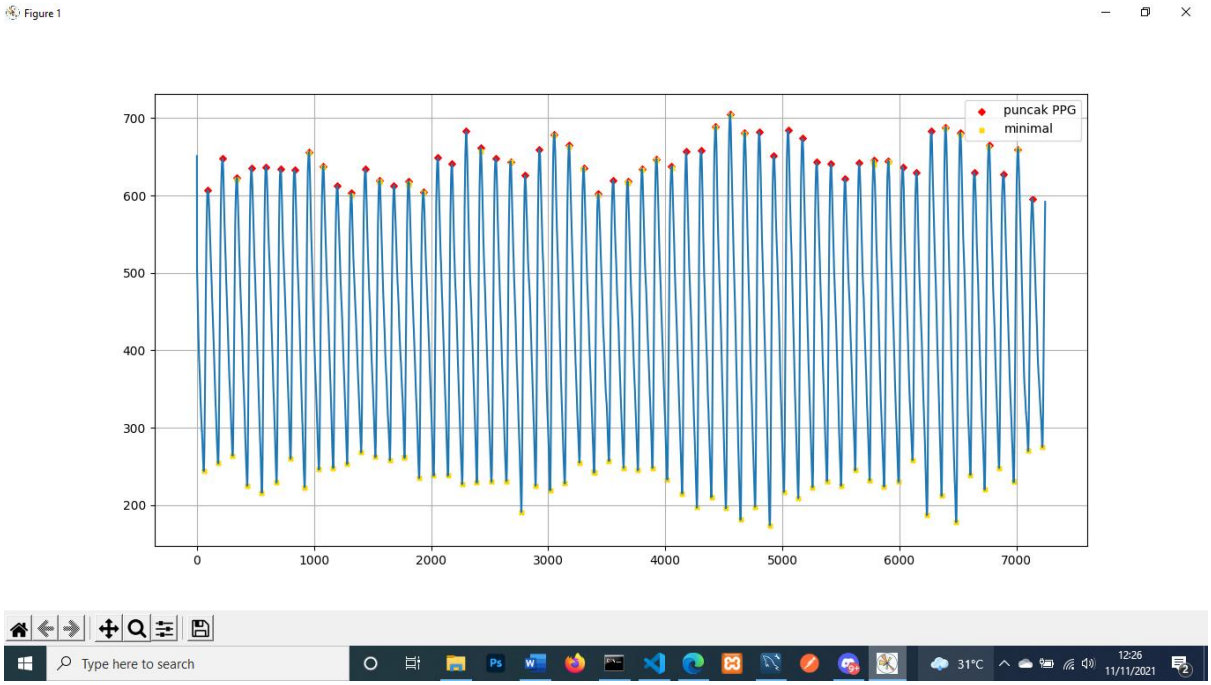
DATA 1 (DELAY 05)




```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE                    Code

[Running] python -u "d:\python\tesis\data\findpeak.py"
posisi titik puncak : [  93.  218.  340.  465.  591.  715.  834.  955. 1080. 1198. 1316. 1437.
 1559. 1683. 1805. 1933. 2056. 2179. 2300. 2423. 2552. 2677. 2804. 2923.
 3050. 3178. 3303. 3426. 3554. 3680. 3800. 3925. 4053. 4179. 4304. 4430.
 4554. 4677. 4800. 4926. 5048. 5170. 5292. 5415. 5535. 5656. 5778. 5903.
 6027. 6146. 6272. 6395. 6518. 6638. 6765. 6887. 7012. 7134.]
jarak antar puncak : [125. 122. 125. 126. 124. 119. 121. 125. 118. 118. 121. 122. 124. 122.
 128. 123. 123. 121. 123. 129. 125. 127. 119. 127. 128. 125. 123. 128.
 126. 120. 125. 128. 126. 125. 126. 124. 123. 123. 126. 122. 122. 122.
 123. 120. 121. 122. 125. 124. 119. 126. 123. 123. 120. 127. 122. 125.
 122.]
jarak terdekat : 118.0
jarak terjauh : 129.0
banyaknya peak : 57
```

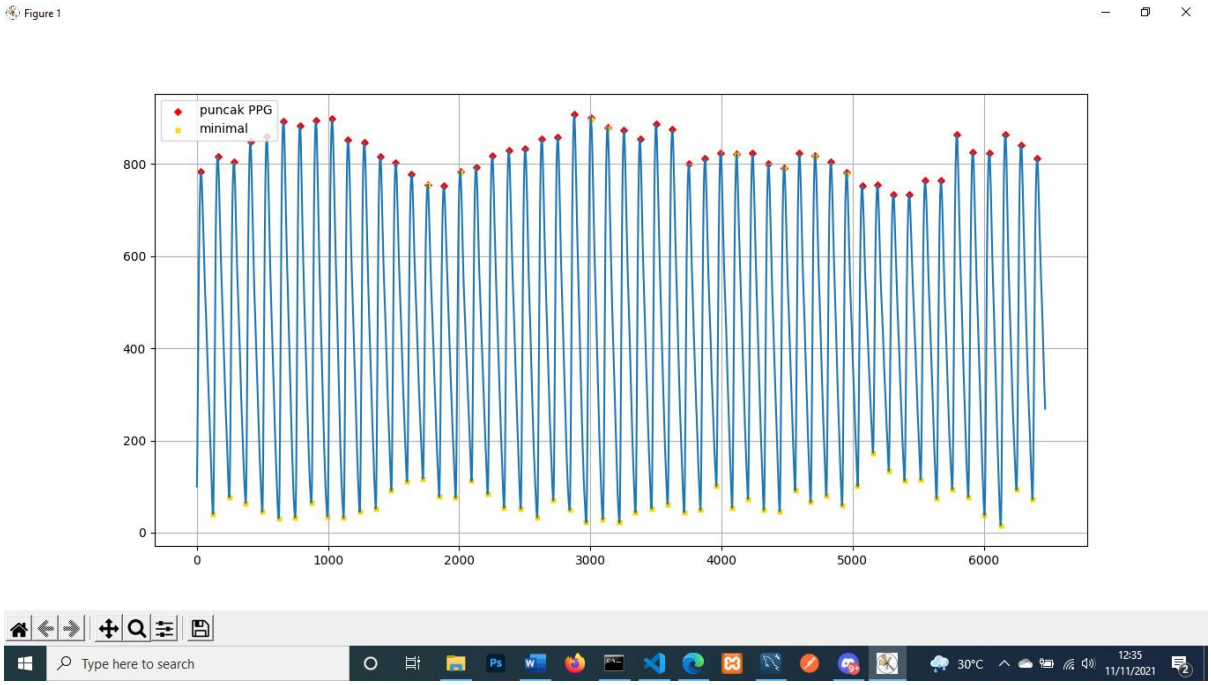
DATA1 (DELAY 10)


```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE                    Code

[Done] exited with code=0 in 89.857 seconds

[Running] python -u "d:\python\tesis\data\findpeak.py"
posisi titik puncak : [   8.   75.  143.  205.  272.  337.  401.  468.  530.  593.  656.  720.
  786.  850.  914.  980. 1043. 1111. 1175. 1241. 1303. 1367. 1433. 1498.
 1563. 1625. 1691. 1756. 1820. 1885. 1950. 2015. 2079. 2145. 2208. 2272.
 2334. 2402. 2466. 2530. 2594. 2656. 2721. 2787. 2851. 2914. 2980. 3044.
 3108. 3167. 3231. 3295. 3360. 3423. 3484.]
jarak antar puncak : [67. 68. 62. 67. 65. 64. 67. 62. 63. 63. 64. 66. 64. 64. 66. 63. 68. 64.
 66. 62. 64. 66. 65. 65. 62. 66. 65. 64. 65. 65. 65. 64. 66. 63. 64. 62.
 68. 64. 64. 64. 62. 65. 66. 64. 63. 66. 64. 64. 59. 64. 64. 65. 63. 61.]
jarak terdekat : 59.0
jarak terjauh : 68.0
banyaknya peak : 54
```

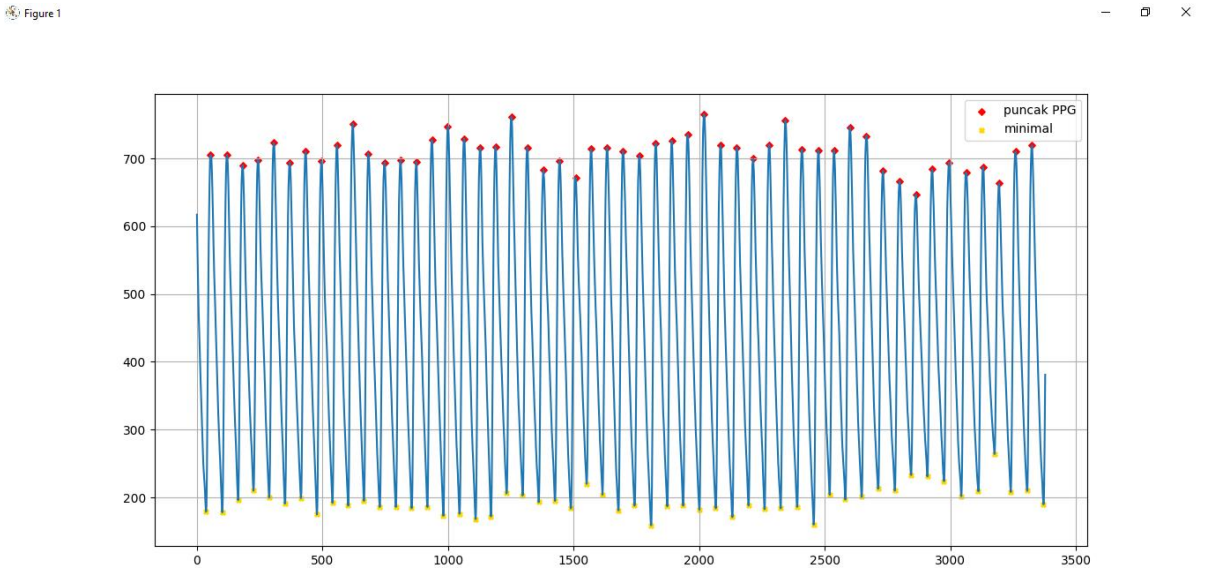
DATA2 (DELAY 05)

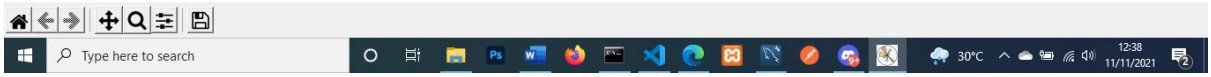



```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE                                Code
[Done] exited with code=0 in 98.184 seconds

[Running] python -u "d:\python\tesis\data\findpeak.py"
posisi titik puncak : [  31.  159.  282.  408.  532.  659.  785.  908. 1031. 1152. 1275. 1398.
 1516. 1637. 1761. 1882. 2008. 2128. 2252. 2378. 2503. 2629. 2751. 2877.
 3003. 3130. 3257. 3378. 3500. 3624. 3750. 3874. 3993. 4116. 4236. 4357.
 4477. 4594. 4712. 4834. 4955. 5072. 5188. 5311. 5430. 5553. 5673. 5794.
 5916. 6042. 6164. 6285. 6407.]
jarak antar puncak : [128. 123. 126. 124. 127. 126. 123. 123. 121. 123. 123. 118. 121. 124.
 121. 126. 120. 124. 126. 125. 126. 122. 126. 126. 127. 127. 121. 122.
 124. 126. 124. 119. 123. 120. 121. 120. 117. 118. 122. 121. 117. 116.
 123. 119. 123. 120. 121. 122. 126. 122. 121. 122.]
jarak terdekat : 116.0
jarak terjauh : 128.0
banyaknya peak : 52
```

DATA 2 (DELAY 10)






```
15    x= np.linspace(0,3378,3379) #data2 10
```

PROBLEMS 4 OUTPUT TERMINAL DEBUG CONSOLE Code

```
[Done] exited with code=0 in 65.837 seconds

[Running] python -u "d:\python\tesis\data\findpeak.py"
posisi titik puncak : [  54.  119.  182.  243.  306.  370.  433.  496.  557.  620.  683.  748.
  811.  873.  936.  999. 1064. 1128. 1189. 1252. 1316. 1380. 1444. 1508.
 1570. 1633. 1696. 1762. 1827. 1891. 1955. 2019. 2086. 2150. 2215. 2279.
 2343. 2410. 2474. 2537. 2600. 2666. 2732. 2798. 2863. 2928. 2995. 3063.
 3130. 3194. 3260. 3325.]
jarak antar puncak : [65. 63. 61. 63. 64. 63. 63. 61. 63. 63. 65. 63. 62. 63. 63. 65. 64. 61.
 63. 64. 64. 64. 64. 62. 63. 63. 66. 65. 64. 64. 64. 67. 64. 65. 64. 64.
 67. 64. 63. 63. 66. 66. 66. 65. 65. 67. 68. 67. 64. 66. 65.]
jarak terdekat : 61.0
jarak terjauh : 68.0
banyaknya peak : 51
```

DATA 3 (DELAY 05)


```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE                    Code
[Done] exited with code=0 in 197.967 seconds

[Running] python -u "d:\python\tesis\data\findpeak.py"
posisi titik puncak : [  11.  143.  269.  390.  509.  635.  754.  883. 1000. 1121. 1247. 1371.
 1500. 1623. 1751. 1874. 2002. 2128. 2260. 2385. 2511. 2632. 2760. 2887.
 3010. 3130. 3255. 3384. 3503. 3624. 3743. 3867. 3997. 4123. 4241. 4371.
 4501. 4630. 4759. 4884. 5010. 5141. 5272. 5398. 5527. 5653. 5781. 5911.
 6030. 6154. 6271. 6400. 6518.]
jarak antar puncak : [132. 126. 121. 119. 126. 119. 129. 117. 121. 126. 124. 129. 123. 128.
 123. 128. 126. 132. 125. 126. 121. 128. 127. 123. 120. 125. 129. 119.
 121. 119. 124. 130. 126. 118. 130. 130. 129. 129. 125. 126. 131. 131.
 126. 129. 126. 128. 130. 119. 124. 117. 129. 118.]
jarak terdekat : 117.0
jarak terjauh : 132.0
banyaknya peak : 52
```

DATA3 (DELAY 10)