Nama : Vipi Monica  
NIM : 211401074

Text : **DGACNEFGPIPIFNKCDAYAMMSHIJKLDAYAMMNEKVNEAYAMMGCHH**

Length : PIPI (4)

Pencarian

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| D | G | A | C | N | E | F | G | **P** | **I** | **P** | **I** | M | F | N | K | C | D | A | Y | A | M | M | S | H | I | J | K | L | D | A | Y | A | M | M | N | E | K | V | N | E | A | Y | A | M | M | G | C | H | H |
| P | I | P | I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Karena huruf index ke0 tidak sama, digeser menjadi: i- KmpNext[i] = 0 – (-1) = 1 kotak.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| D | G | A | C | N | E | F | G | **P** | **I** | **P** | **I** | M | F | N | K | C | D | A | Y | A | M | M | S | H | I | J | K | L | D | A | Y | A | M | M | N | E | K | V | N | E | A | Y | A | M | M | G | C | H | H |
|  |  |  |  |  |  |  |  | **P** | **I** | **P** | **I** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Length (PIPI) ditemukan pada index ke8, maka pencarian yaitu 4 = i- KmpNext[i] = 5 - 0 = 5 kotak.