Sem 2\Alpro\Tugas\Minggu 10\bulanPenjualanTertinggiPadaKotaX.c

```c
 1  #include <stdio.h>
 2  #include <string.h>
 3
 4  int indexKota(char kota[])
 5  {
 6      char dataKota[3][20] = {"Semarang", "Jakarta", "Yogyakarta"};
 7      int i, IX = -1;
 8      for (i = 0; i < 3; i++)
 9      {
10          if (strcmp(kota, dataKota[i]) == 0)
11          {
12              IX = i;
13          }
14      }
15
16      return IX;
17  }
18
19  int maxTabel(int T[], int N)
20  {
21      int max = 0, i, IX;
22      for (i = 0; i < N; i++)
23      {
24          if (T[i] >= max)
25          {
26              max = T[i];
27              IX = i;
28          }
29      }
30
31      return IX;
32  }
33
34
35  int main()
36  {
37      int i, j, max;
38      char kota[20];
39      int data_penjualan[3][4] = {{10, 15, 10, 5}, {20, 25, 20, 15}, {10, 5, 14, 3}};
40      int *penjualanKota;
41
42      printf("Masukkan nama kota: \n");
43      scanf("%s", &kota);
44
45      penjualanKota = data_penjualan[indexKota(kota)];
46
47      max = maxTabel(penjualanKota, 4);
48      if (max == 0)
49      {
50          printf("Januari");
51      }
52      else if (max == 1)
53      {
54          printf("Februari");
55      }
56      else if (max == 2)
57      {
58          printf("Maret");
59      }
60      else if (max == 3)
61      {
62          printf("April");
63      }
64
65      return 0;
66  }
```