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

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