

Oleh : Mamat Rahmat

Note : Bukan kunci jawaban official

1. 3
2. 2
3. $\sqrt{49 \cdot \pi \cdot \pi + 225}$
4. 1964
5. 297
6. 48
7. 72
8. 113400
9. 4
10. Bu Sura, Pak Ganesh
11. 5
12. 9
13. Jari manis
14. 28
15. 12
16. 190800
17. 3767
18. 28
19. 12
20. 17
21. 5
22. 5
23. 5
24. 23
25. 448
26. 118
27. 3
28. 49
29. (6, 4, 3, 2, 1, 7, 2, 4, 2, 1)
30. 15
31. 8 5 7
32. 11
33. 6
34. 31
35. 7
36. 5
37. KITO KITO KITO TOKI
38. OKIT TKIT OOKI TOKI
39. EMOLGENOS
40. SAITAMMAR
41. 22
42. $P[b] - P[a-1]$
43. 100 29 18 10 9 8 7 5 3 1
44. 5 10 18 9 7 1 3 8 100 29
45. 4 1 5 3 2

1. PRIMA + PRIMA = PRIMA

```
var
  n, i : longint;
  bil : array[1..100000] of longint;
  dua, ada : boolean;

function prima(a : longint):boolean;
var j : longint;
begin
  prima := true;
  j := 2;
  while (j*j <= a) do
    begin
      if ((a mod j) = 0) then
        prima := false;
      j := j+1;
    end;
  end;
end;

begin
  readln(n);
  dua := false;
  for i := 1 to n do
    begin
      read(bil[i]);
      if (bil[i] = 2) then
        dua := true;
    end;

    if not dua then
      writeln('TIDAK ADA')
    else
      begin
        ada := false;
        for i := 1 to n do
          begin
            if(bil[i] <> 2) then
              if(prima(2 + bil[i])) then
                begin
                  ada := true;
                  break;
                end;
          end;
        end;
        if (ada) then
          writeln('ADA')
        else
          writeln('TIDAK ADA');
        end;
      end;
    end;
  end.
```

2. MENGHITUNG PERSEGI

```
var
  n, m, i, min : longint;
  ans : int64;

begin
  readln(n, m);
  if n < m then
    min := n
  else
    min := m;

  ans := 0;
  for i := 1 to min do
    ans := ans + (m-i+1)*(n-i+1);

  writeln(ans);
end.
```

3. STRING PALINDROM

```
var
  s : string;
  palindrom : boolean;
  i, n : longint;

begin
  readln(n);
  readln(s);
  palindrom := true;
  for i := 1 to (n div 2) do
    if (s[i] <> s[n-i+1]) then
      palindrom := false;
  if (palindrom) then
    writeln('PALINDROM')
  else
    writeln('BUKAN PALINDROM');
end.
```