|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | n | i | num |  |
| res = func\_A(mat, 0); | 0 |  |  |  |
|  | 0 |  | num = mat[0][0] = 2 |  |
| Loop: |  | 1 | num = (mat[0][1] >= mat[1][0]) ? num + mat[0][1] : num - mat[1][0];  num = 5 |  |
|  |  | 2 | num = (mat[0][2] >= mat[2][0]) ? num + mat[0][2] : num - mat[2][0];  num = 9 |  |
|  |  | 3 | num = (mat[0][3] >= mat[3][0]) ? num + mat[0][3] : num - mat[3][0];  num = 14 | return (num + func\_A(mat, ++n));  return (14 + func\_A(mat, 1)); |
| Loop: | 1 |  | num = mat[1][1] = 3 |  |
|  |  | 2 | num = (mat[1][2] >= mat[2][1]) ? num + mat[1][2] : num - mat[2][1];  num = -1 |  |
|  |  | 3 | num = (mat[1][3] >= mat[3][1]) ? num + mat[1][3] : num - mat[3][1];  num = -6 | return (num + func\_A(mat, ++n));  return (-6 + func\_A(mat, 2)); |
|  |  |  | num = mat[2][2]=4 |  |
| Loop: | 2 | 3 | num = (mat[2][3] >= mat[3][2]) ? num + mat[2][3] : num - mat[3][2];  num = 9 | return (num + func\_A(mat, ++n));  return (9 + func\_A(mat, 3)); |
| res = 14 -6 +9=22 |  |  |  |  |



