## Examen - Programatica colculation dot

```
# indude curath. h>
(1)
     # include <skdio.h>
      int e-prim (int a)
      3 af (4962==0 4441=2)
           if ( u == 0 11 u == 1)
                reture 😝 0;
           if ( u = = 2)
               return 1;
           if (u%2==0)
               reture o;
           dut d=3;
           while (dc= sgrt(u))
                  if (u%d==0)
                       return of
                  d+=2;
            return 1;
      Y
          extrage-prive-diag (int mat [][], int u, int a, int b, int *v, int *m)
         for (int i=1; i <= u; i++)
            for (aut j= 1; jc=u; j++)
                  if ( wat [i][i] >= a ++ wat [i][j] <= b ++ e_prim (wat [i][i]) == 1)
                           VEHALIS mottillili & *nr = *nr+1; venr] = mat(i][i] i y
     z
    int main ()
        int u, wat [40][10], a,b,ux, *v;
         scauf ("%d", 4u); scauf( "6d %d", 4a, 4b);
         for (int i=1; i <= u; i++)
             for (int j=1; j = u; j++)
                   scauf ( "%d", 4 mat[i][j]);
        V= (int *) malloc (10 x sizeof(int));
        extrage - prime - diag ( wat, u, a, b, v, 4 uh);
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