## Trazas de programas - Bucles anidados

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/********************************
* traza 1
     int n = 3, a = 0;
     do{
        do {
           a++;
           System.out.println(a);
        \} while (a <= n);
        a = 0;
        n--;
        System.out.println();
     \} while (n>0);
* traza 2
    int a=3, i, j;
    char car = '*';
    for(i=1;i<=a;i++){
       for(j=1;j<=i;j++){
        System.out.print(car);
       System.out.println();
    }
/*********************************
* traza 3
        ****************************
     int n = 5, i, j, cont = 1;
     for (i = 1; i < n; i++) {
        for (j = 1; j < n; j++) {
           System.out.print(cont % 10 + " ");
           cont++;
        System.out.println();
     }
/********************************
* traza 4
******************************
    int n=5, a=0;
    while (n > 0) {
        do{
            a++;
            System.out.println(a);
        \}while(a != n);
        a = 0;
        n--;
        System.out.println();
/*******
                    * traza 5
                     ***************
    int b = 3, a = 2, i, j;
    char car = '$';
    for(i=1;i<=a;i++) {
       for(j=1;j<=b;j++){
        System.out.print(car);
       System.out.println();
    }
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/*********************************
 traza 6
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    int n = 5, i, j, cont = 1;
    for(i=1;i<=n;i++){
        for (j=1; j <= i; j++) {
           System.out.print(cont%10+ " ");
           cont++;
        }
        System.out.println();
    }
/*********************************
* traza 7
    int n = 4, i, j;
    for(i=1;i<=n;i++)
        for(j=1;j<=i;j++)
           System.out.print(i + " ");
/********************************
* traza 8
    int i, j, k, filas = 5, cont=1;
    for(i=1;i<=filas;i++) {</pre>
        for (j=1; j<=filas-i; j++) {</pre>
              System.out.print(" ");
        for (k=1; k \le cont; k++) {
           System.out.print("*");
        cont+=2;
        System.out.println();
    }
    int i = 0, j = 0, k = 0;
    for (i = 0; i < 3; i++) {
        k = 2;
        while (j < 3 \mid \mid k > 0 \&\& i < 2) {
              System.out.printf("[%S]", "hola");
              k--;
               \dot{1} += 2;
         }
    System.out.printf("%ni = |%+05d|%nj = |%+05d|%nk = |%+05d|%n", i, j, k);
/*****************************
* traza 10
    int n = 2, m = 0;
    do {
       do {
          System.out.print(m++ + " ");
       \} while (m <= n);
       m = 0;
       System.out.println(n--);
    \}while (n > 0);
```

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traza 11
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    int j, k = 0;
    for (int i = 1; i \le 3; i++) {
         j = i;
         while (j < 4)
               System.out.println(j++);
               k = j;
               System.out.println(k);
     }
/*********************************
* traza 12
******
    int A = 0, B;
    for (; A <= 1; A++) {
         for (B = 1; B < 2; B++) {
             System.out.println(A*B);
    }
* traza 13
    int x = 0, y;
    while (x \le 8) {
         for (y = 1; y < 3; y++) {
              switch (x + y) {
                    case 1: x++;
                           break;
                     case 9: x--;
                           break;
                    case 4: y--;
                     case 8: x++;
                     default: x = x + y;
               System.out.println(x+++""+y);
           }
    }
* traza 14
    int x = 1, y = 2, z;
    do{
       z = y++;
       X+=Z;
       switch(x){
               case 2: System.out.println(x);
               case 3: System.out.println(y);
               default: System.out.println(z);
    \} while (x==y);
/*****************************
* traza 15
*************************************
    int i, j, k;
    for (i = 1, k = 0; i \le 3; i += 2, k += 2) {
         for (j = 1; j \le k; j++) {
             System.out.println(i * j);
         System.out.println(i * j);
    }
    System.out.println(i * k);
```