EJERCICIOS PROGRAMACION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | A | B | C |
|  | INSTRUCCION | 4 | 2 | 3 |
| 1 | A=B | 2 | 2 | 3 |
| 2 | C=A | 2 | 2 | 3 |
| 3 | B=(A+B+C)/2 | 2 | 3 | 2 |
| 4 | A= A+C | 4 | 3 | 2 |
| 5 | C=B-A | 4 | 3 | -1 |
| 6 | C=C-A | 4 | 3 | -5 |
| 7 | A=A\*B | 12 | 3 | -5 |
| 8 | A=A+3 | 15 | 3 | -5 |
| 9 | A=A%B | 0 | 3 | -5 |
| 10 | C=C+A | 0 | 3 | -5 |

**((3+2)^2-15)/2\*5**

5^2 -15/2\*5 =

25-15/2\*5

= 10/2\*5

= 5\*5

= **25**

**5-2>4 AND NOT 0.5==1/2**

3>4 AND NOT 0.5 == 0,5

F ¡ v == f

**Dado x=1, y=4, z=10, pi=3.14, e=2.71**

*2\*X+0.5 + y -1/5\*z*

2\*1+0,5 + 4-1/5\*10 =

2+0.5 + 4-0.2\*10 =

2+0.5+4-2= **4,5**

***PI\*X^2>Y OR 2 \*PI\* X<= Z***

3.14\*1^2>4 OR 2\*3.14\*1<=10

3.14>4 (falso) OR 6.28 (verdadero) <= 10 **verdadero**

**e^(x-1) / x+(x\*z) / (x/z)**

2.71^(1-1) / 1+(1\*10) / (1/10)

2.71^0 / 1+10 / 0.1

1/1 +10/ 0.1

1+10/0.1

1+100 **101**

**24%5**

resto = **4**

**7/2+2,5**

3,5+2,5= **6**

**10,8/2+2**

5,4 + 2 = **7,4**

**(4+6) \* 3+2 \* (5-1)**

10\*3+2\*4

30+8= **38**

**5/2+17%3**

2,5+2= **4,5**

**7>=5 OR 27<>8**

Verdadero or verdadero

**Verdadreo**

**(45<=7) or not (5>=7)**

Falso or not falso

**Falso**

**27%4 + 15/4**

3+3,75 **6**

**37/4\*4-2**

9,25\*4-2

37 – 2 = **35**

**(25>=7) AND NOT (7<=2)**

VERDADERO AND NOT FALSO

**FASLO**

**(‘H’ < ’J’ ) AND (‘9’ <> ‘7’)**

Verdadero and verdadero

**VERDADERO**

**25>20 AND 13 >5**

Verdadero and verdadero

**VERDADERO**

**10+4 <15 -3 OR 2\*5 + 1 > 14 -2\*2**

Falso or verdadero

**FALSO**

**4\*2<=8 OR 2\*2<5 AND 4>3+1**

8<=8 OR 4<5 AND 4>4

Verdadero OR Verdadero AND Falso

**FALSO**

**10<=2\*5 AND 3<4 OR NOT (8>7) AND 3\*2<=4\*2-1**