**Задания 10. Циклический алгоритм обработки массива чисел, записанный на алгоритмическом языке**

|  |  |  |
| --- | --- | --- |
| 1.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1)= 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 0 **FOR** k = 1 **TO** 10 **IF** Dat(k)=15 **THEN** m = m+1 **ENDIF** **NEXT** k **PRINT** m | 2.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k) > m **THEN** m = Dat(k) **ENDIF** **NEXT** k **PRINT** m | 3.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 20 **FOR** k := 1 **TO** 10 **IF** Dat(k) < m **THEN** m = Dat[k] **ENDIF** **NEXT** k **PRINT** m |
| 4.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k) > 12 **THEN** m = m + 1 **ENDIF** **NEXT** k **PRINT** m | 5.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 2: Dat(2) = 5Dat(3) = 8: Dat(4) = 5Dat(5) = 4: Dat(6) = 2Dat(7) = 0: Dat(8) = 3Dat(9) = 4: Dat(10) =5m = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k)>m **THEN** m = Dat[k] **ENDIF** **NEXT** k **PRINT** m | 6.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 2: Dat(2) = 5Dat(3) = 7: Dat(4) = 5Dat(5) = 4: Dat(6) = 2Dat(7) = 0: Dat(8) = 3Dat(9) = 4: Dat(10) = 5m = 10 **FOR** k := 1 **TO** 10 **IF** Dat(k) < m **THEN** m = Dat[k] **ENDIF** **NEXT** k **PRINT** m |

**Задания 10. Циклический алгоритм обработки массива чисел, записанный на алгоритмическом языке**

|  |  |  |
| --- | --- | --- |
| 15.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m,n **AS** **INTEGER** Dat[1] = 7 Dat[2] = 9 Dat[3] = 10 Dat[4] = 5 Dat[5] = 6 Dat[6] = 7 Dat[7] = 9 Dat[8] = 8 Dat[9] = 6 Dat[10] = 9 m = 10; n = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k) < m **THEN** m =Dat[k]n = k **ENDIF** **NEXT** k **PRINT** n | 25.**DIM** Dat(10) **AS** **INTEGER**Dat[1] = 6 Dat[2] = 2Dat[3] = 5 Dat[4] = 3 Dat[5] = 4 Dat[6] = 4 Dat[7] = 3 Dat[8] = 5 Dat[9] = 2 Dat[10] = 6 day = 1: m = Dat(1) **FOR** k = 2 **TO** 10 **IF** Dat(k) < m **THEN** m = Dat(k)day = k**END** **IF** **NEXT** k **PRINT** day**END** | 30. **DIM** Tur(11) **AS** **INTEGER****DIM** k,m **AS** **INTEGER**Tur(1)= 1: Tur(2)= 11Tur(3)= 8: Tur(4) = 12Tur(5)= 5: Tur(6)= 6Tur(7)= 15: Tur(8)= 16Tur(9)= 16: Tur(10)= 21Tur(11)= 7m = 0**FOR** k = 1 **TO** 11**IF** Tur(k) < 10 **THEN**m : = m+Tur(k) **END** **IF****NEXT** k**PRINT** m |
| 34.DIS Ves(14) **AS** **INTEGER**DIS i,n **AS** **INTEGER**Ves(1)= 25: Ves(2)= 21Ves(3)= 23: Ves(4)= 28Ves(5)= 30: Ves(6)= 25Ves(7)= 31: Ves(8)= 28Ves(9)= 25: Ves(10)= 28Ves(11)= 30: Ves(12)= 27Ves(13)= 26: Ves(14)= 24n = Ves(1)**FOR** i = 1 **TO** 14**IF** Ves(i) < n **THEN**n : = Ves(i) **END** **IF****NEXT** i**PRINT** n | 40.**DIM** App(12) **AS** **INTEGER** **DIM** k,m **AS** **INTEGER** App(1) = 100: App(2)= 128 App(3) = 80: App(4) = 99 App(5) = 120: App(6)= 69 App(7) = 55: App(8)= 115 App(9) = 84: App(10)= 111 App(11)= 59: App(12)= 100 m = 0 **FOR** k = 1 **TO** 12 **IF** App(k) < 80 **THEN** m = m + 1 **END** **IF** **NEXT** k m = m + 20 **PRINT** m | 44.**DIM** App(12) **AS** **INTEGER** **DIM** k,m **AS** **INTEGER** App(1) = 100: App(2)= 128 App(3) = 80: App(4) = 99 App(5) = 120: App(6)= 69 App(7) = 55: App(8)= 115 App(9) = 84: App(10)= 111 App(11)= 59: App(12)= 100 m = 0 **FOR** k = 1 **TO** 12 **IF** App(k) < 80 **THEN** m = m + 1 **END** **IF** **NEXT** k m = m + 20 **PRINT** m |

**Задания 10. Циклический алгоритм обработки массива чисел, записанный на алгоритмическом языке**

|  |  |  |
| --- | --- | --- |
| 1.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1)= 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 0 **FOR** k = 1 **TO** 10 **IF** Dat(k)=15 **THEN** m = m+1 **ENDIF** **NEXT** k **PRINT** m | 2.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k) > m **THEN** m = Dat(k) **ENDIF** **NEXT** k **PRINT** m | 3.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 20 **FOR** k := 1 **TO** 10 **IF** Dat(k) < m **THEN** m = Dat[k] **ENDIF** **NEXT** k **PRINT** m |
| 4.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 12: Dat(2) = 15Dat(3) = 17: Dat(4) = 15Dat(5) = 14: Dat(6) = 12Dat(7) = 10: Dat(8) = 13Dat(9) = 14: Dat(10) =15m = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k) > 12 **THEN** m = m + 1 **ENDIF** **NEXT** k **PRINT** m | 5.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 2: Dat(2) = 5Dat(3) = 8: Dat(4) = 5Dat(5) = 4: Dat(6) = 2Dat(7) = 0: Dat(8) = 3Dat(9) = 4: Dat(10) =5m = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k)>m **THEN** m = Dat[k] **ENDIF** **NEXT** k **PRINT** m | 6.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m **AS** **INTEGER** Dat(1) = 2: Dat(2) = 5Dat(3) = 7: Dat(4) = 5Dat(5) = 4: Dat(6) = 2Dat(7) = 0: Dat(8) = 3Dat(9) = 4: Dat(10) = 5m = 10 **FOR** k := 1 **TO** 10 **IF** Dat(k) < m **THEN** m = Dat[k] **ENDIF** **NEXT** k **PRINT** m |
| 15.**DIM** Dat(10) **AS** **INTEGER****DIM** k,m,n **AS** **INTEGER** Dat[1] = 7 Dat[2] = 9 Dat[3] = 10 Dat[4] = 5 Dat[5] = 6 Dat[6] = 7 Dat[7] = 9 Dat[8] = 8 Dat[9] = 6 Dat[10] = 9 m = 10; n = 0 **FOR** k := 1 **TO** 10 **IF** Dat(k) < m **THEN** m =Dat[k]n = k **ENDIF** **NEXT** k **PRINT** n | 25.**DIM** Dat(10) **AS** **INTEGER**Dat[1] = 6 Dat[2] = 2Dat[3] = 5 Dat[4] = 3 Dat[5] = 4 Dat[6] = 4 Dat[7] = 3 Dat[8] = 5 Dat[9] = 2 Dat[10] = 6 day = 1: m = Dat(1) **FOR** k = 2 **TO** 10 **IF** Dat(k) < m **THEN** m = Dat(k)day = k**END** **IF** **NEXT** k **PRINT** day**END** | 30. **DIM** Tur(11) **AS** **INTEGER****DIM** k,m **AS** **INTEGER**Tur(1)= 1: Tur(2)= 11Tur(3)= 8: Tur(4) = 12Tur(5)= 5: Tur(6)= 6Tur(7)= 15: Tur(8)= 16Tur(9)= 16: Tur(10)= 21Tur(11)= 7m = 0**FOR** k = 1 **TO** 11**IF** Tur(k) < 10 **THEN**m : = m+Tur(k) **END** **IF****NEXT** k**PRINT** m |
| 34.DIS Ves(14) **AS** **INTEGER**DIS i,n **AS** **INTEGER**Ves(1)= 25: Ves(2)= 21Ves(3)= 23: Ves(4)= 28Ves(5)= 30: Ves(6)= 25Ves(7)= 31: Ves(8)= 28Ves(9)= 25: Ves(10)= 28Ves(11)= 30: Ves(12)= 27Ves(13)= 26: Ves(14)= 24n = Ves(1)**FOR** i = 1 **TO** 14**IF** Ves(i) < n **THEN**n : = Ves(i) **END** **IF****NEXT** i**PRINT** n | 40.**DIM** App(12) **AS** **INTEGER** **DIM** k,m **AS** **INTEGER** App(1) = 100: App(2)= 128 App(3) = 80: App(4) = 99 App(5) = 120: App(6)= 69 App(7) = 55: App(8)= 115 App(9) = 84: App(10)= 111 App(11)= 59: App(12)= 100 m = 0 **FOR** k = 1 **TO** 12 **IF** App(k) < 80 **THEN** m = m + 1 **END** **IF** **NEXT** k m = m + 20 **PRINT** m | 44.**DIM** App(12) **AS** **INTEGER** **DIM** k,m **AS** **INTEGER** App(1) = 100: App(2)= 128 App(3) = 80: App(4) = 99 App(5) = 120: App(6)= 69 App(7) = 55: App(8)= 115 App(9) = 84: App(10)= 111 App(11)= 59: App(12)= 100 m = 0 **FOR** k = 1 **TO** 12 **IF** App(k) < 80 **THEN** m = m + 1 **END** **IF** **NEXT** k m = m + 20 **PRINT** m |

**Задания 10. Циклический алгоритм обработки массива чисел, записанный на алгоритмическом языке**

 