Nome: Gabriel Henrique Vieira de Oliveira

Data: 09/06/2024

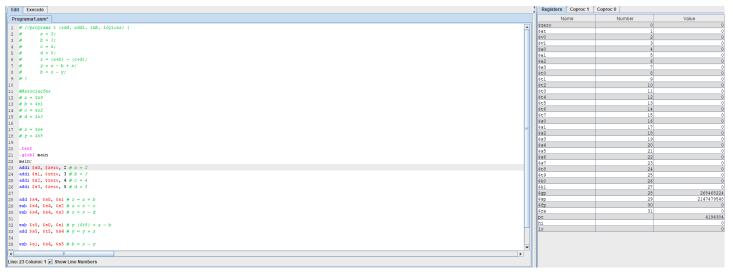
Matéria: Arquitetura de Computadores II - Exercício prático 06

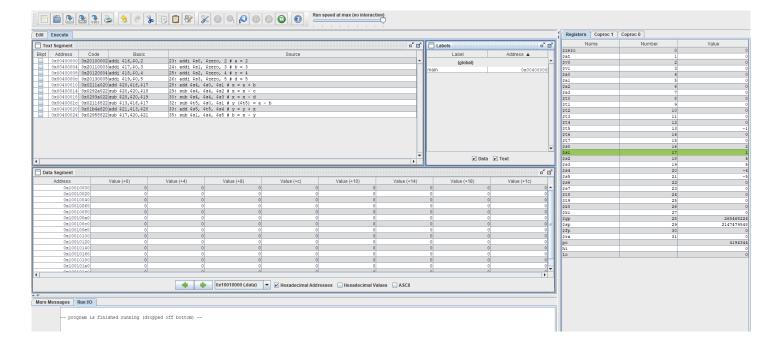
### Parte 1 - Responda

- 1) A
- **2)** B
- **3)** A
- **4)** C
- **5)** D ( É o indicador de endereço de memória externa de programa. Ele serve para endereçar a próxima instrução a ser lida pelo microprocessador a fim de que ele "saiba" onde estava e para onde deve ir (ler nova instrução no próximo endereço).
- **6)** C
- **7)** D
- **8)** D
- **9)** B
- 10) A
- 11) B (OPERAÇÃO BITWISE)
- **12)** D
- 13) A
- **14)** C
- **15)** B
- **16)** D
- 17) A
- 18) A

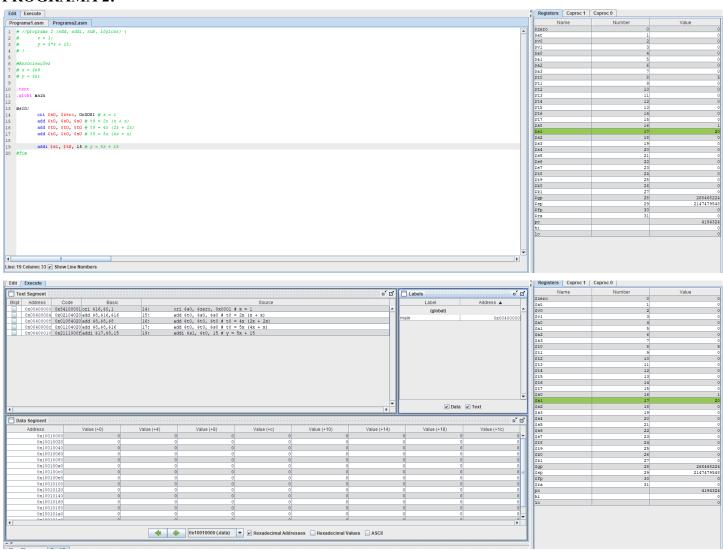
## Parte 2 - Implementar em MIPS/MARS os seguintes programas

#### **PROGRAMA 1:**

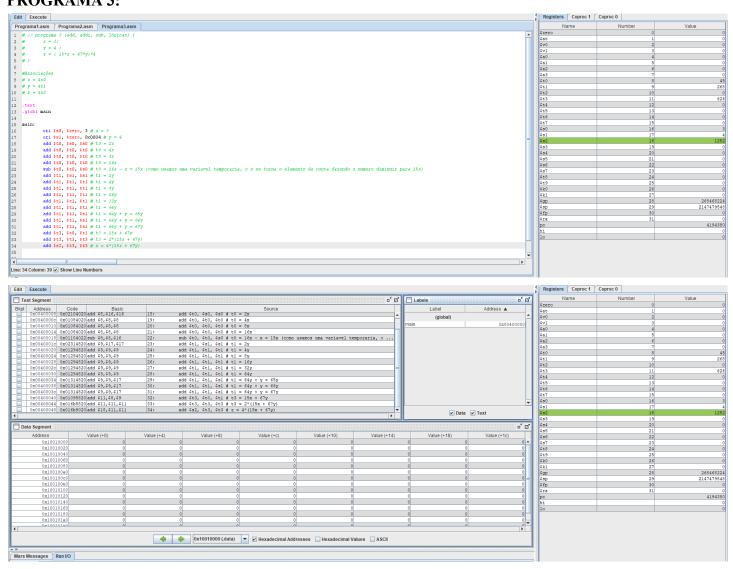




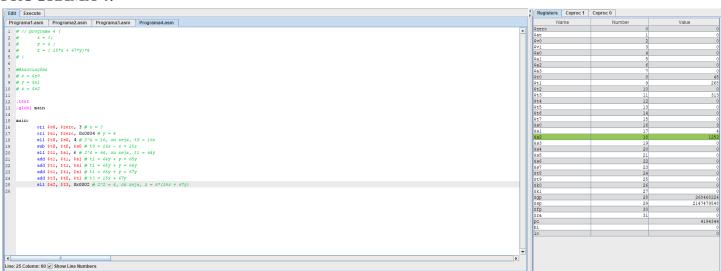
#### **PROGRAMA 2:**

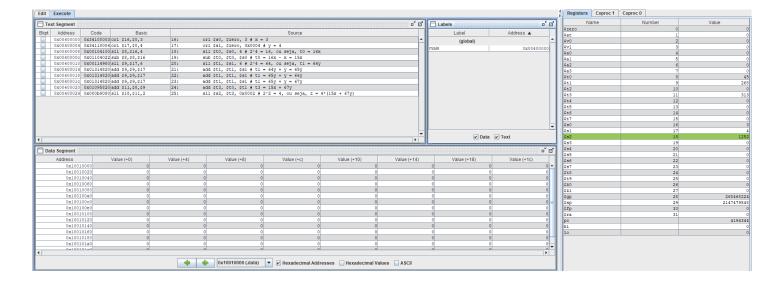


#### **PROGRAMA 3:**



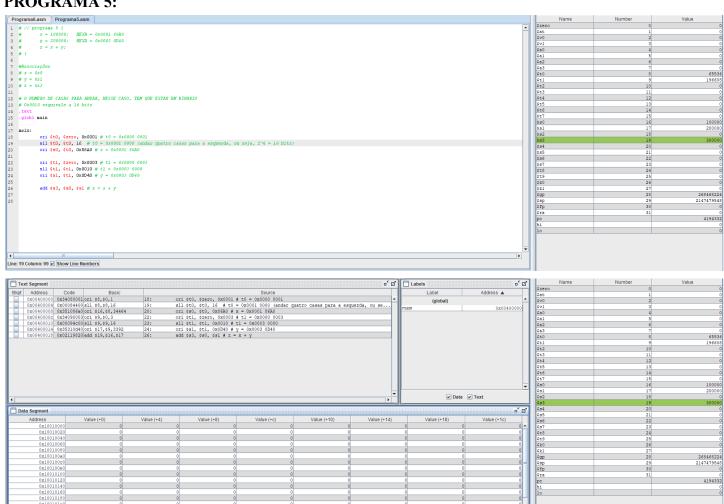
#### **PROGRAMA 4:**





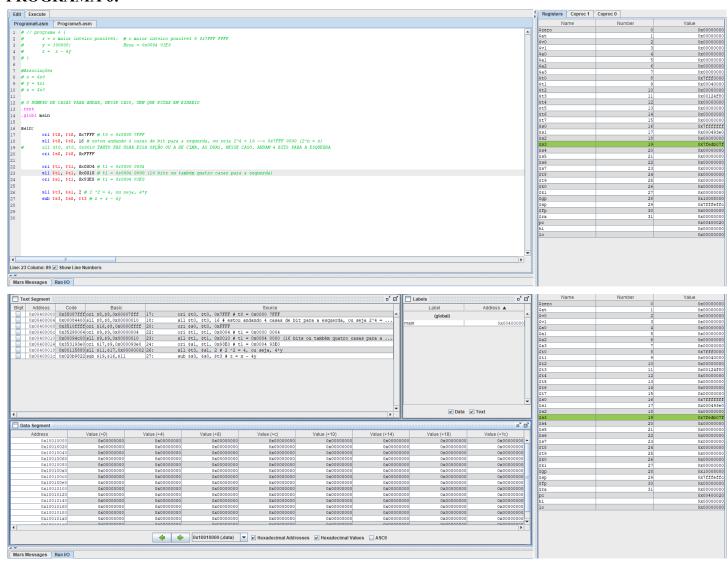
#### **PROGRAMA 5:**

Mare Moseanos Run I/O

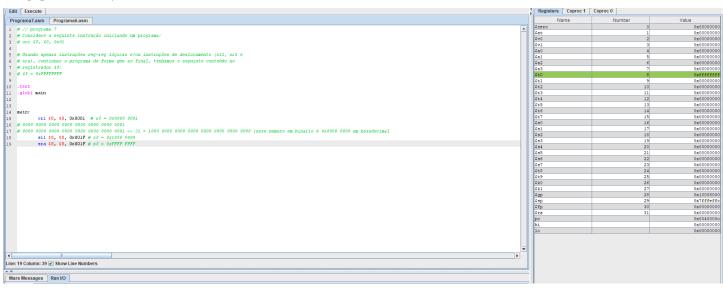


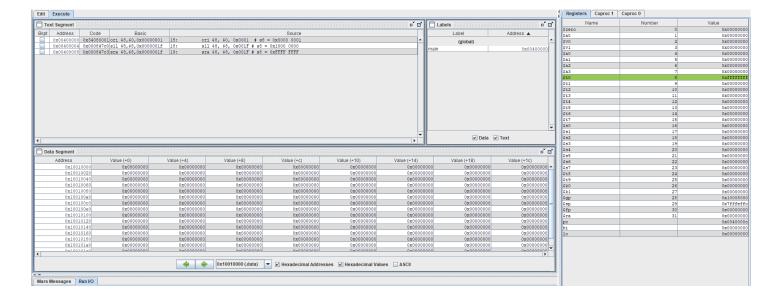
(0x10010000 (.data) V Hexadecimal Addresses Hexadecimal Values ASCII

#### **PROGRAMA 6:**

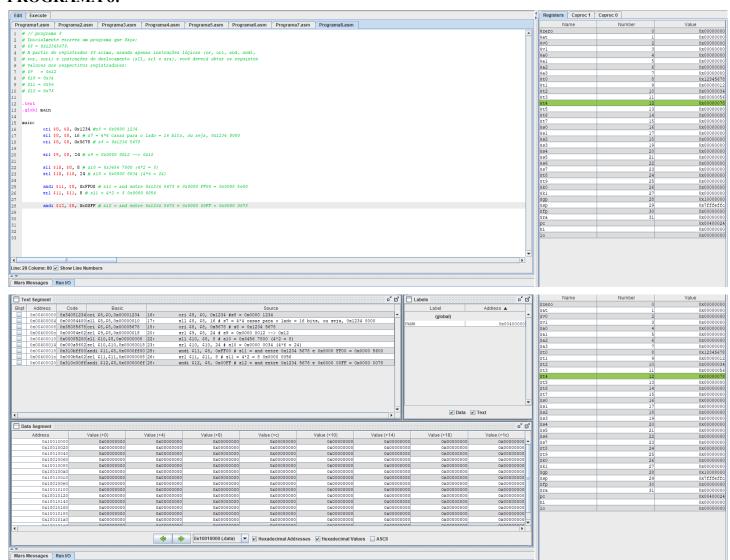


#### **PROGRAMA 7:**

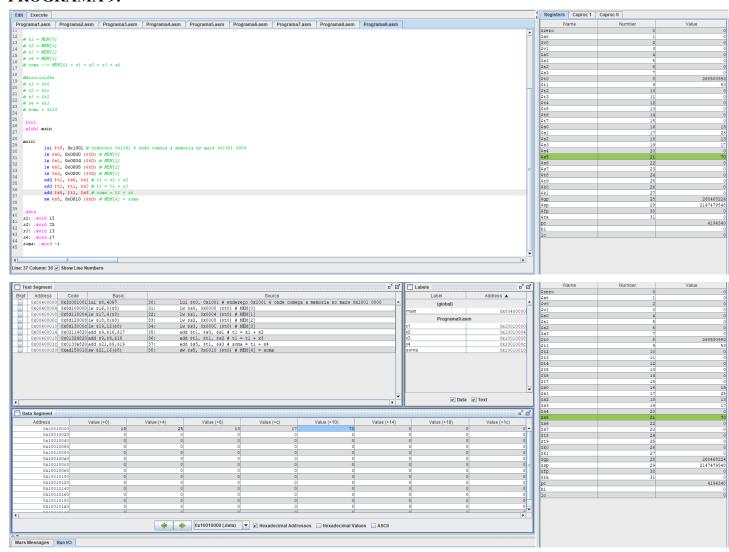




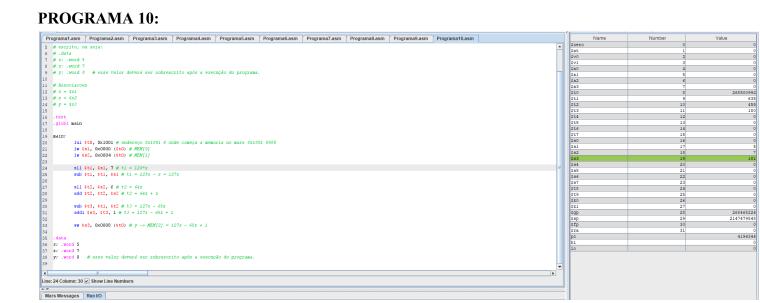
#### **PROGRAMA 8:**

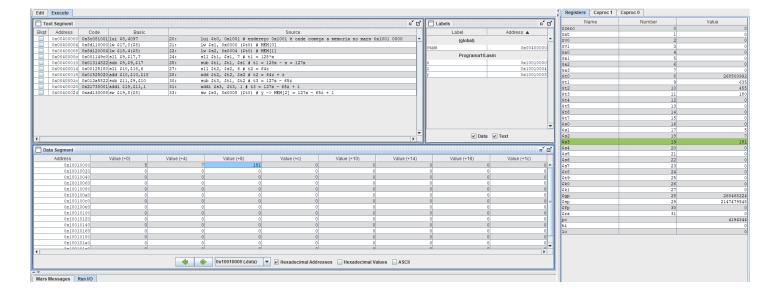


#### **PROGRAMA 9:**

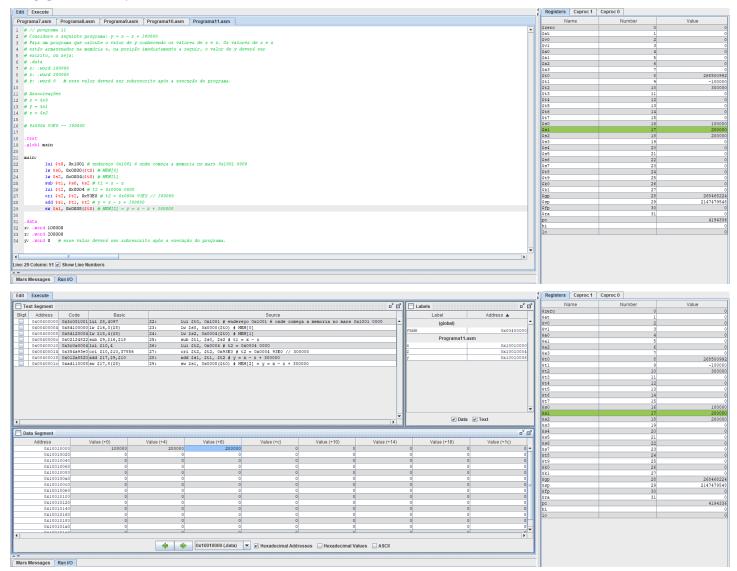


#### **PROGRAMA 10:**

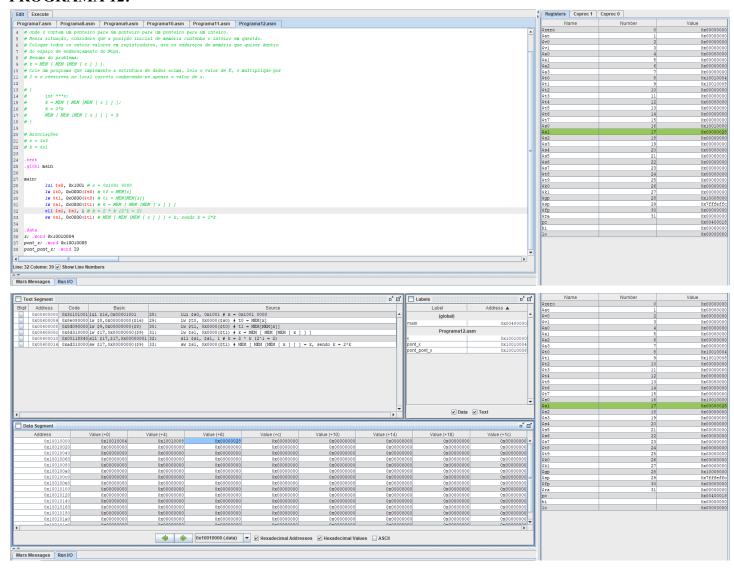




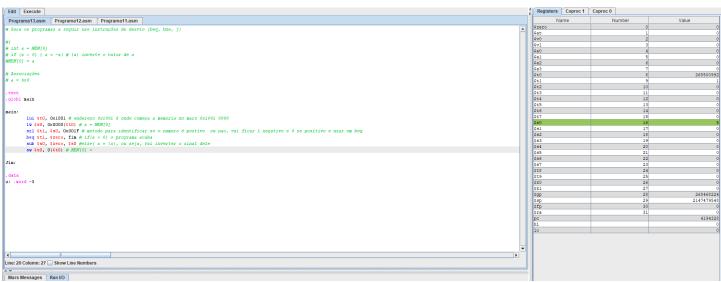
#### **PROGRAMA 11:**

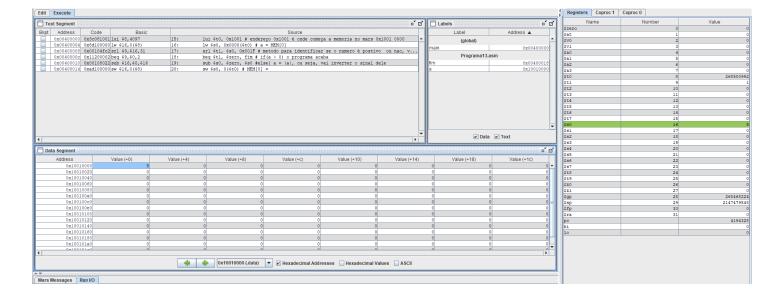


#### **PROGRAMA 12:**

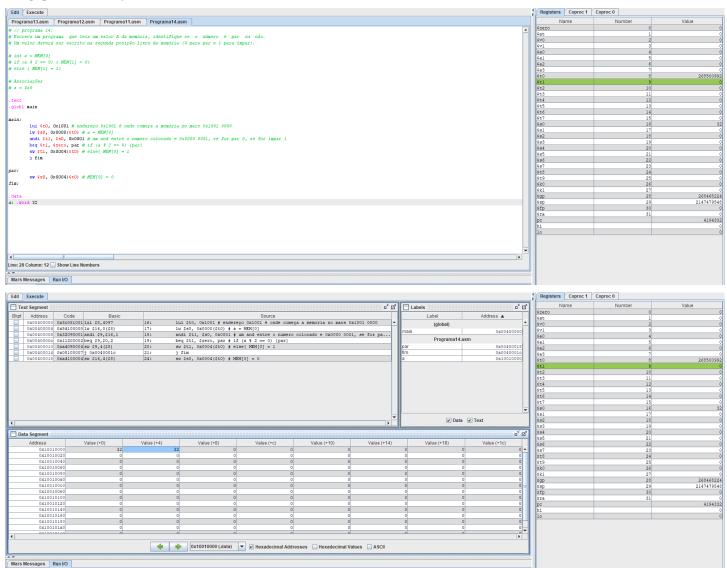


#### **PROGRAMA 13:**

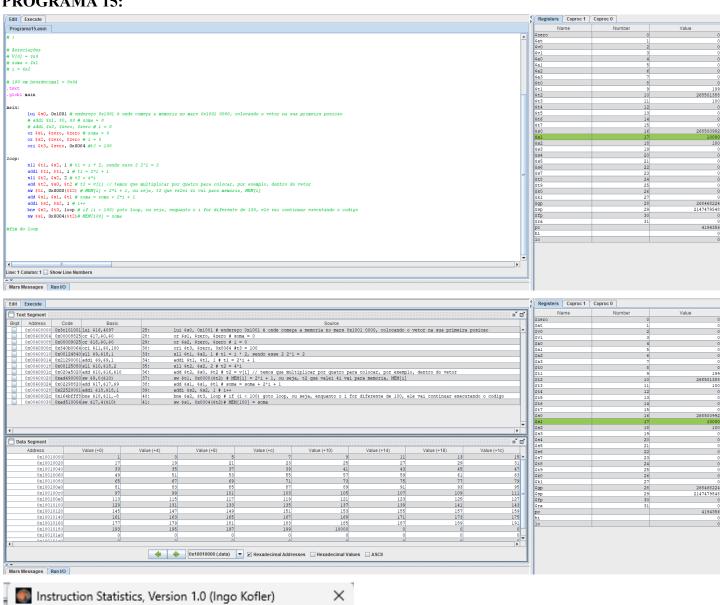




#### **PROGRAMA 14:**

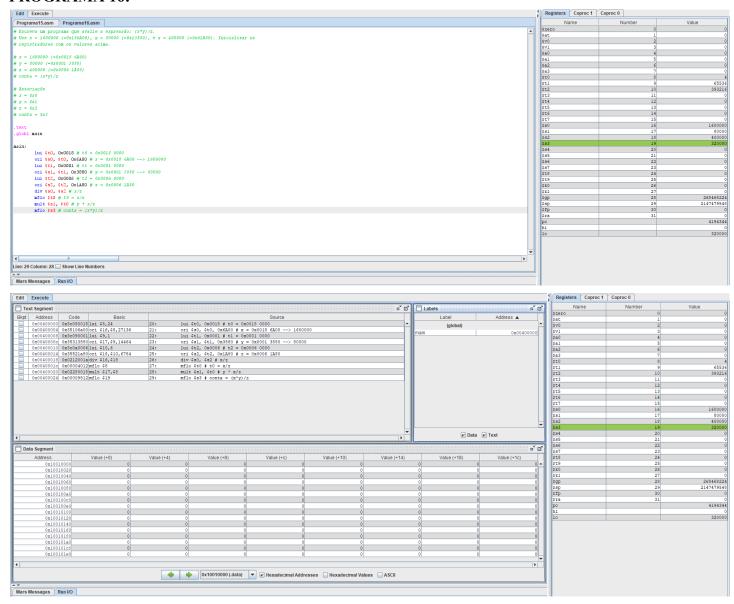


#### **PROGRAMA 15:**

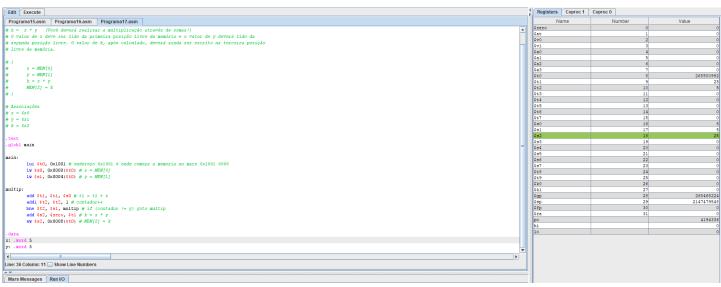


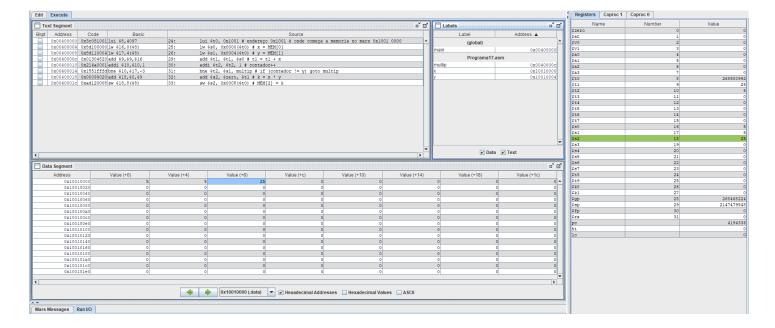


#### **PROGRAMA 16:**

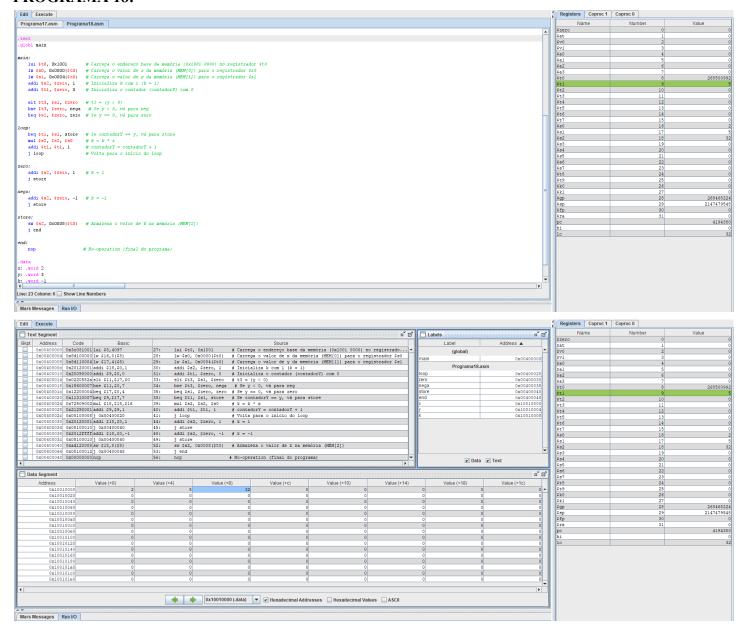


#### **PROGRAMA 17:**





#### **PROGRAMA 18:**

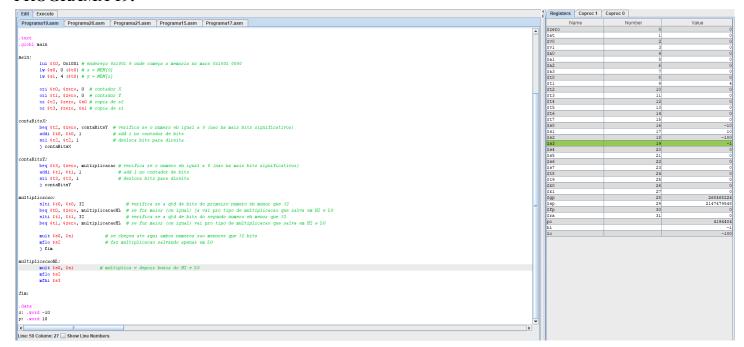


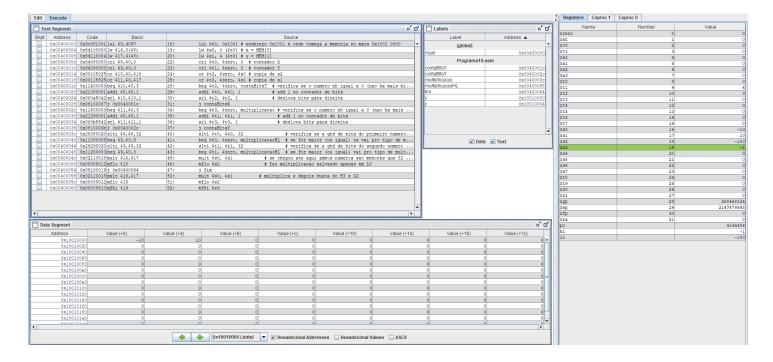


# Para os programas a seguir use instruções mult, div, mflo e mfhi. Responda

- 1) C
- **2)** B
- 3) A
- **4)** C
- **5)** B
- **6)** A
- 7) D
- **8)** A
- 9) A
- 10) A

#### **PROGRAMA 19:**





#### **PROGRAMA 20:**

