| Saishny Ramesh Kumar | Date: . · . |
|---|--|
| CSCI 113-Lab 4 | |
| 1) intarray A, 10 donests \$51 , Suap A(4) and A(4) | 9] |
| lw \$t0, 4(\$s1) lw \$t1, 9(\$s1) sw \$t0, 4(\$s1) sw \$t1, 9(\$s1) | |
| \$sw \$H, 9(\$s1)\$ \$sl = A182C3D4 \$s2 = 5A6B7C8D | |
| 2) ser \$11, \$st, 3 -> Shiff Arithmetic Right by 3 | 3 |
| | 01 0100 >>3 11 1010 → F436 587A |
| s v \$+2, \$+1,1 6 \$+2 = 1111 0100 0011 0110 0101 1000 6 \$+2 = 0111 1010 0001 1011 0010 1100 | |
| 3) Sw. \$51, 4(\$zero) → A1B2C3D4 (Shord in Meno Sw \$52, 8(\$zero) → SA6B7C8D (Shord in Meno | |
| Address Dala [4] Al [5] BZ Alemany [6] | |
| $ \begin{array}{c cccc} & & & & & & & & & & & & \\ \hline & & & & & & & & & \\ \hline & & & & & & & & \\ \hline & & & & & & & \\ \hline & & & & & & & \\ \hline & & & & & \\ \hline & & & & & \\ \hline & & & & & & \\ $ | 6B > Content of \$st in Hex number g access made: 4 |
| (10) 7C (11) 8D | |
| | |
| | Marterprint |

E.

T

| | mal: 0001 0101 000 4 15150003 | | ived addressing. This type of within the same block. Essen | addressing allows |
|----|----------------------------------|--------------------------|--|-------------------|
| | 2 \$10, \$5, End a | 0 1000 0000 0000 fled | 0000 0100 | |
| b) | W \$10, 4(\$11) | Hel 0000 0000 0100 | | U |
| | 35 8 9 | J-type | Pseudo - direct | |
| | subi Isl, Isl, I | I-type | Immediale addressing | |
| | adi \$s1, \$s1, 2 | I-type | Immediale addressing | |
| | bue \$10, \$55, End | I-type | PC-Relative addressing | [|
| | lw \$10,4(\$11) | I-type | Base/Displacement | |
| a) | Code Segments | Instruction Type R-type | Addressing Mode Regisler addressing | |