.Start, loadTest,00

.data

0 A int.data 2

|  |
| --- |
| 00000002 |
| 00000005 |
| 00006566 |
| 11000000001000000000000000000000 |
| 11000000001000000000000000000001 |
| 11000100010000000000000000000000 |
| 11001000011000000000000000000001 |
| 11001100100000000000000000000010 |
| 11001100100000000000000000000010 |

1 B int.data 5

2 C str.data 'AB'

2 .text

2 debug 1

3 lw $1,A

4 lw $1,B

5 lnw $2,A

6 LWi $3,B

7 Lui $4,C

8 la $5,0(C)

.end ,loadTest

S

100111|00|101|000|00|0000000000000111

R-type

00000100101|100|010|000000|000|011010

I-type

010100|00|100|100|00|0000000000010100

OI-type

001101|00|000|00001|0000000000001000

J-type

001000|00|00000000|0000000011111010