

```
0010011110111101111111111111100000
10101111110111111100000000000010100
10101111110100100000000000000100000
10101111110100101000000000000100100
1010111111010000000000000000011000
1010111111010000000000000000011100
1000111111010111000000000000011100
100011111101110000000000000011000
000000011100111000000000000011001
001001011100100000000000000000001
001010010000000100000000001100101
101011111101010000000000000011100
00000000000000000000111100000010010
00000011000011111100100000100001
000101000010000011111111111110111
1010111111011100100000000000011000
00111100000001000001000000000000
1000111111010010100000000000011000
000011000001000000000000011101100
00100100100001000000010000110000
1000111111011111100000000000010100
0010011111011110100000000000100000
00000011111000000000000000001000
000000000000000000001000000100001
```

FIGURE A.1.2 MIPS machine language code for a routine to compute and print the sum of the squares of integers between 0 and 100.