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|-------------------------------|--------------------------|-------------------------------------|
| Executable file header | | |
| | Text size | 300 _{hex} |
| | Data size | 50 _{hex} |
| Text segment | Address | Instruction |
| | 0040 0000 _{hex} | lw \$a0, 8000 _{hex} (\$gp) |
| | 0040 0004 _{hex} | jal 40 0100 _{hex} |
| | ... | ... |
| | 0040 0100 _{hex} | sw \$a1, 8020 _{hex} (\$gp) |
| | 0040 0104 _{hex} | jal 40 0000 _{hex} |
| | ... | ... |
| Data segment | Address | |
| | 1000 0000 _{hex} | (X) |
| | ... | ... |
| | 1000 0020 _{hex} | (Y) |
| | ... | ... |

Unn Fig. 2-42.