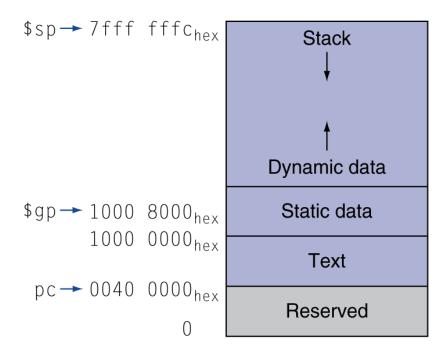
Memory Layout / Map

- Text Segment
 - program code
- Data Segment
 - Static
 - global variables
 - e.g., static variables in C, constant arrays and strings
 - \$gp initialized to address allowing ±offsets into this segment
 - Dynamic
 - Heap
 - e.g., malloc in C, new in Java
 - Stack
 - automatic storage





MIPS ISA