| | LA Worksheet #9 | | | | | | | |
|---|--|------------------|----------|--------|--------|-------|--|--|
| | 1. The size-t variable is declared ortside | 5.0) | abort, s | ynelro | nor1 [| NR | | |
| | of the padlel sections, merring the b) interrupt, asynchronous, return to | | | | | | | |
| | threads share the same iterator. | next instruction | | | | | | |
| | c) fault, synchronous, ntterpts le | | | | | | | |
| | 2. int i,;; | ti,;; | | | | | | |
| | #pragma and parallel for private(i,j) shared d) trap, synchronous, return to | | | | | | | |
| | (airay, n) next instruction | | | | | | | |
| | for(i=0; ien; i++) | | | | | | | |
| | for (j=1;j <n;j++) td="" {<=""><td>6.</td><td>UPN</td><td>190</td><td>PPN</td><td>1 PPO</td><td></td></n;j++)> | 6. | UPN | 190 | PPN | 1 PPO | | |
| | array[i][j] += array[i][j-1]; | IKB | 2.5 | 16 | 14 | 16 | | |
| | 3 | Sko | 121 | 11 | 13 | 11 | | |
| | The 1-D case may cause race conditions. | 440 | 20 | 12 | 12 | 12 | | |
| | | 8KB | 115 | 13 | 111 | 13 | | |
| | 3. vaid hello (long * old, long * new, int n) { | | | | | 1 | | |
| | int i; | | | | | | | |
| - | double sin Weights = 0, sin = 0 | | | | | | | |
| | Sum = n * old [0]; | | | | | | | |
| | # pragma one parallel for reduction (+: sumbles) | <i>ts</i>) | | | | | | |
| | for (1=0; 1en; 1++) { | | | | | | | |
| | new[i] = old[i] * exp(100.0f/old[i]); | | | | | | | |
| | sum veights + = new Ci) | | | | | | | |
| | sumbolights /= sum; | | | | | | | |
| | | | | | | | | |
| - | for (i=0; i <n; i++)<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td></n;> | | | | | | | |
| | neu [i] = new[i]/sunveights; | | | | | | | |
| | 3 | | | | | | | |
| | | | | | | | | |
| | 4. Dyranic linking accurs every time the placer | | | - | | | | |
| | is run while state linking only occurs when i | 1 | | | - | | | |
| | is compiled. Dynamic linking allows for libraries | | | | | | | |
| | to be shared, but may be slower due to linking during | | | | | | | |
| | runtime. | - 113 | | | | | | |
| | | | | | | | | |
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