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| **1** | Create a shared memory segment. Attach to a process. Then fork and create a new child. Examine what happens to the # number of attaches. Make the parent write a string in the shared memory. Make the child change this string to uppercase. Make the parent display the changed string. |
| **2** | Create a shared memory segment. Write a program to populate memory with 100 random numbers between 1 and 1000. Write another program to find the average, the biggest and smallest numbers in the array created. |

**USP Week 10 Lab Assignments**