Handson

1. Check the directory 'fix-programs'. Fix all syntax/logical issues with the given three programs.

2. Implement OpenMP in the **print_samples.f90** code. Ensure that the final output appears similar to that of the serial code.

3. Implement OpenMP in the **pi_mc.f90** code. Ensure that the final output is the computed value of π.

4. Using the **co2.f90** code, implement OpenMP to parallelize the computation.

5. Using the **matmul.f90** code, implement OpenMP to parallelize the computation.

6. Using the **sum_array.f90** code, implement OpenMP to parallelize the computation, without using the $OMP DO construct.

7. Check the **coh.f90** code, Identify and fix, if any, issues related to OpenMP parallelization.

8. Using the **simpsons_integration.f90** code, implement OpenMP to parallelize the computation.