Write a C program to do the following:

1. Define two functions area() and perimeter() to compute area and perimeter of different shapes respectively.
2. Create a process in main to compute perimeter. Compute area in main process.
3. Define a structure to describe sides of a square and rectangle.
4. Compute area of square and rectangle using threads in main.
5. Compute perimeter of square and rectangle using threads in child process.
6. Display the results appropriately.