# General Programing Steps

1. Query platforms
2. Query devices of the platform
3. Create context for the devices
4. Create command queue (for context and device)
5. Create program object (for context)
6. Build the program
7. Create memory objects (within context)
8. Create kernel
9. Set kernel arguments
10. Enqueue the kernel object for execution
11. Transfer Data from Device to Host
12. Event handling
13. Clean up