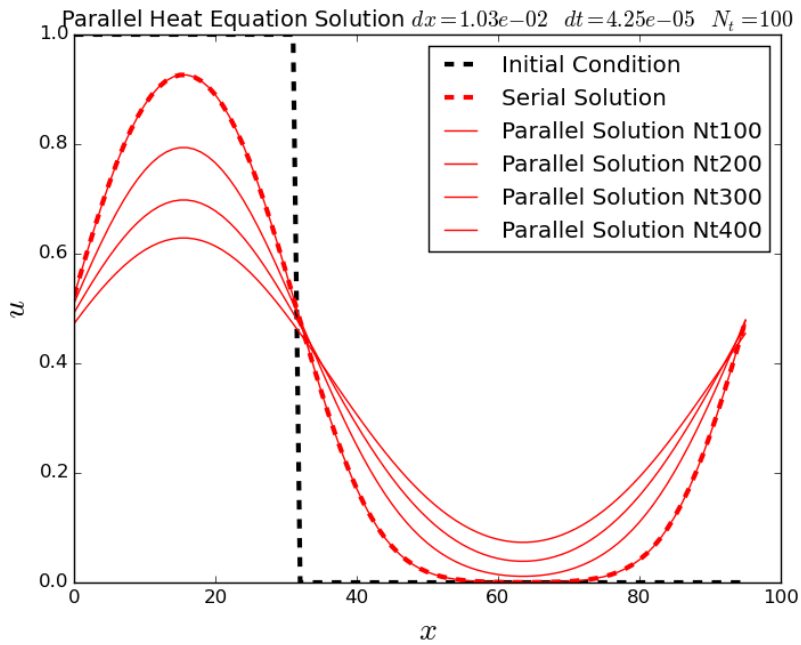
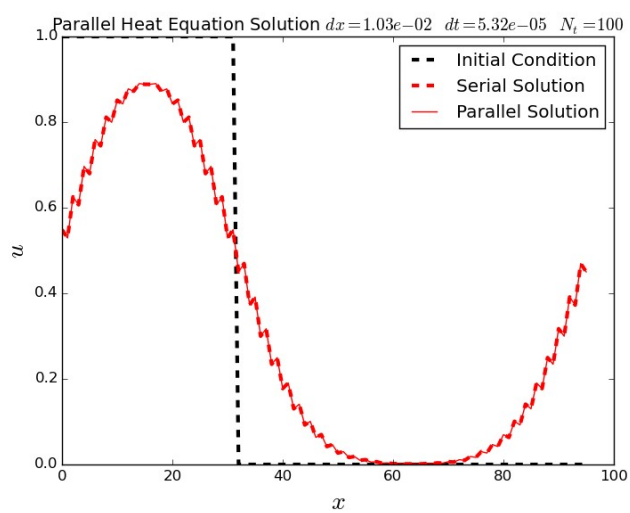


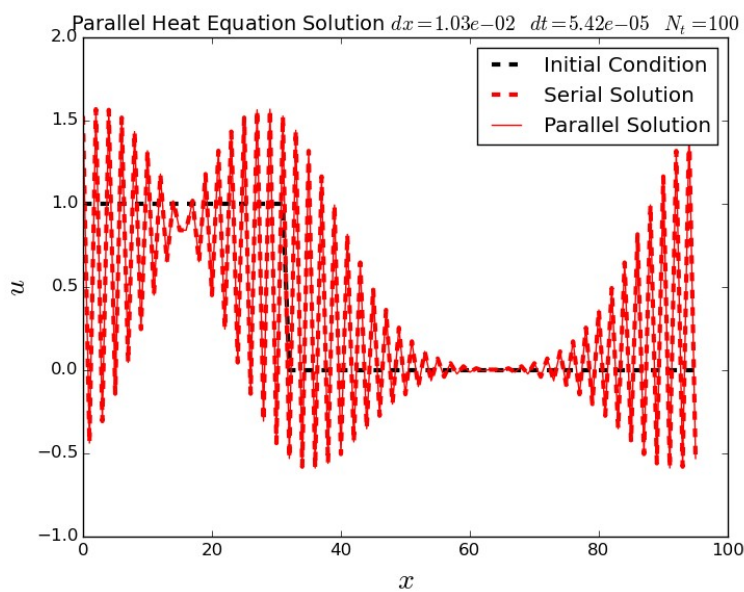
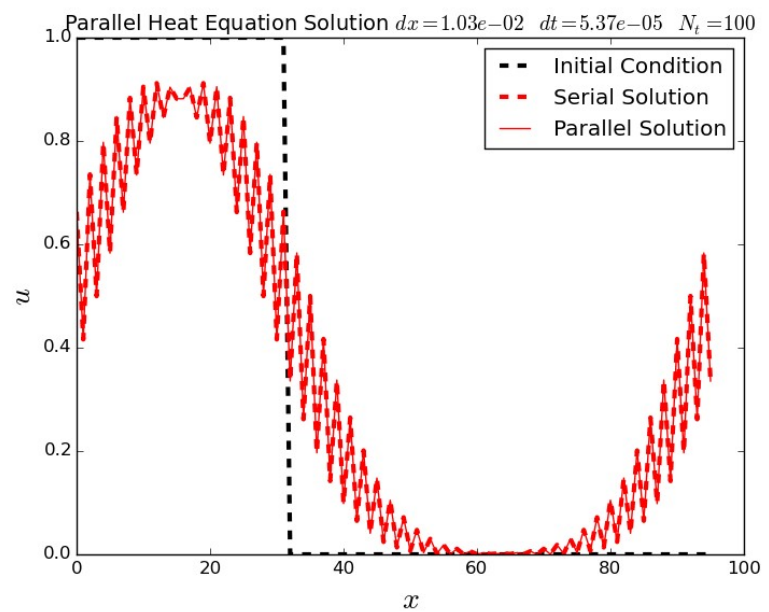
1.

- initial condition displaying the results of $Nt = 100, 200, 300, 400$



2.





3. I think this class is really useful for me because I didn't have that much coding experiences before. After this class I know how to use python running test and using github and linux as a powerful tool to implement multiples languages. With those knowledge I learn above, I'm glad that I'm qualified to get involved into a manifold learning python package project in STAT department. So far since

we didn't use parallel programming in our project but this class really gives me a good idea how parallel programming works and how computer allocate memory and how to make code more efficient. I believe when I get into grad school, the knowledge will be more useful and practical to advanced projects. But anyways, this is pretty much the most useful class I've ever taken in UW this 3 years.