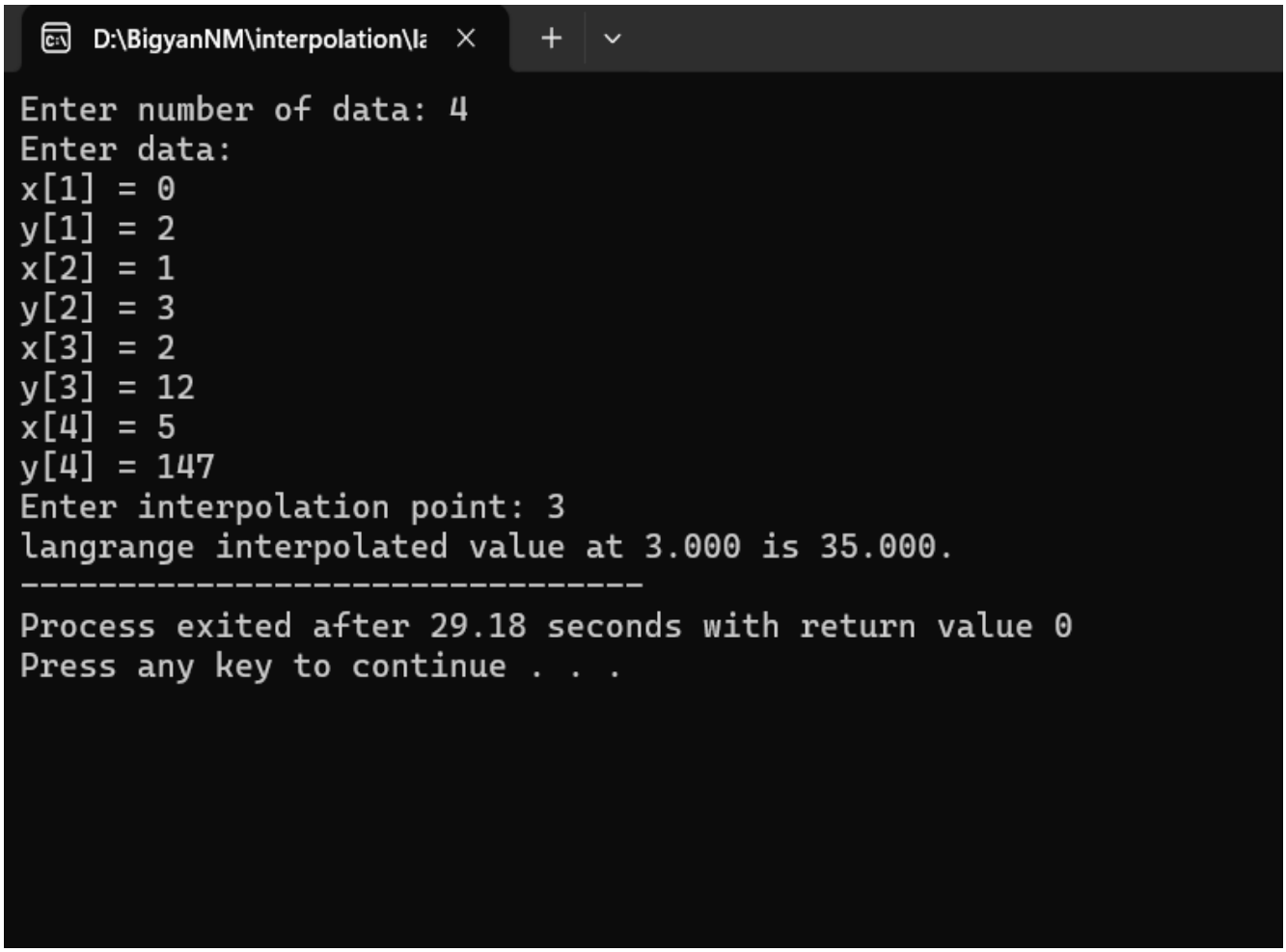
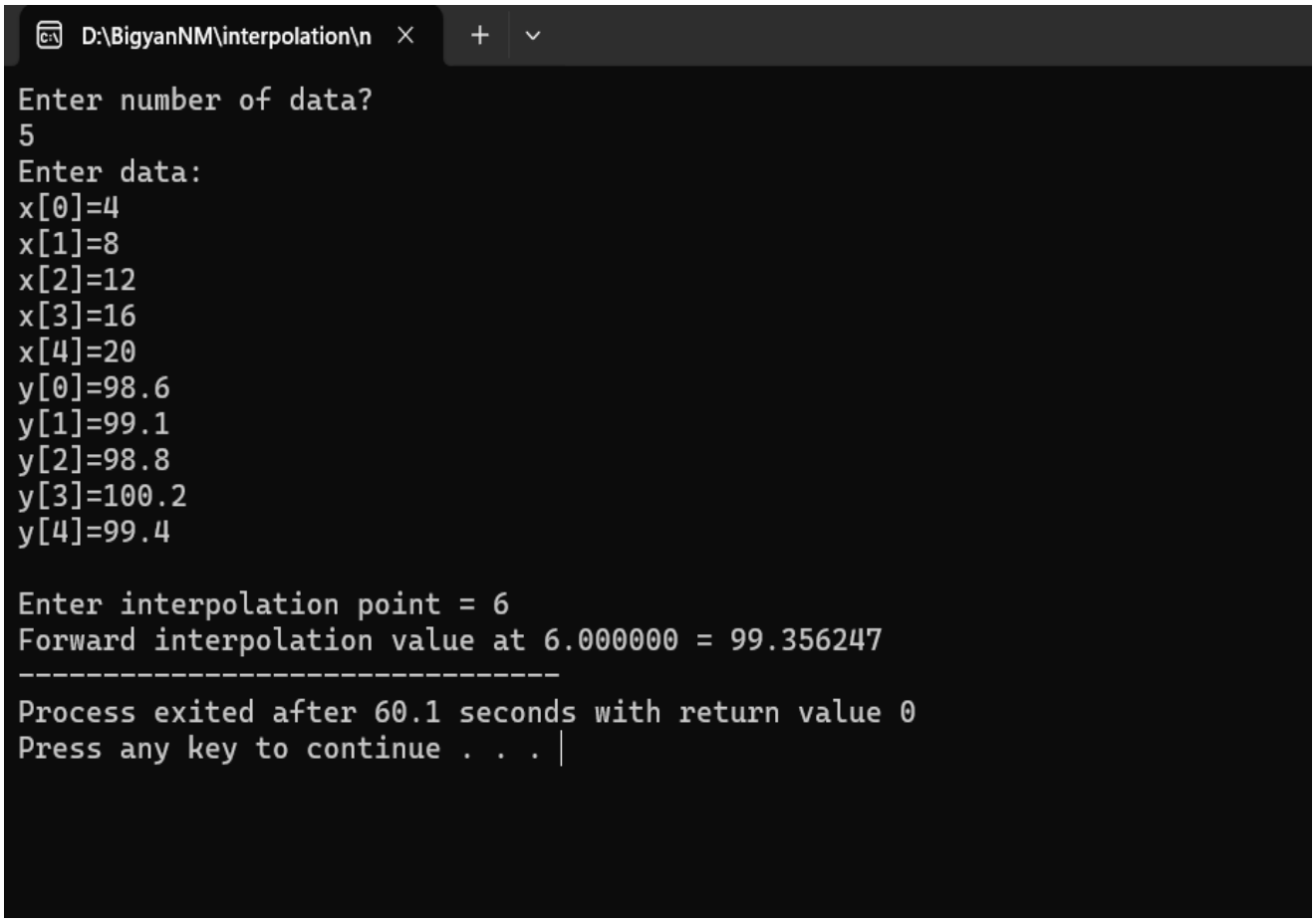
The output of langrange interpolation is :



The output of Newton's forward interpolation is :



The output of the Newton's backward interpolation is :