Lab Worksheet for September 30, 2021

Practice	with	Taylor	Doly	nomia	lc
PLACHE	wiii	Tavior	POIV	поппа	ıs.

1. a) Write out the 3^{rd} degree Taylor polynomial at a = 1 of the function f(x) =	
n(x).	

b) Using a calculator/computer, write out the first six digits of ln(1.1).

c) Letting T be the Taylor polynomial you found – and either by hand or calculator/computer – write out the first six digits of T(1.1).

d) Compare your answers from part b and c.

