Report for COMP307 Assignment2 Part2

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**Q1**

The terminal set = { x }

**Q2**

Function set = { addition, subtraction, multiple, division, negative, cos, sin}

**Q3**

Fitness function that GP produce



After expansion the result is x4 – 2x3 + x2 + 1

Q4

Stopping criteria is when generation achieve 40.

Q5

Random seeds = 200 :



(2x + cos(x) + cos(-x2) – 1) x (2x + cos(x) – 1)

Random seeds = 300:



Random seeds = 350:

