

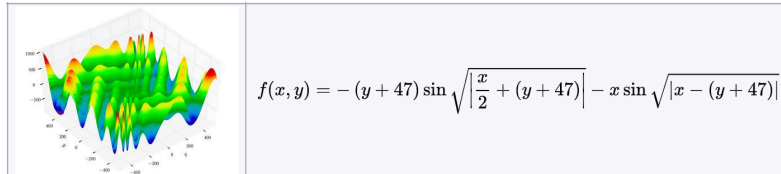
PARTICLE SWARM OPTIMISATION - ASSIGNMENT 3

DHRUV SRIVASTAVA - 160514

HRITIK NARAYAN - 160520

JASHAY LILANI - 160523

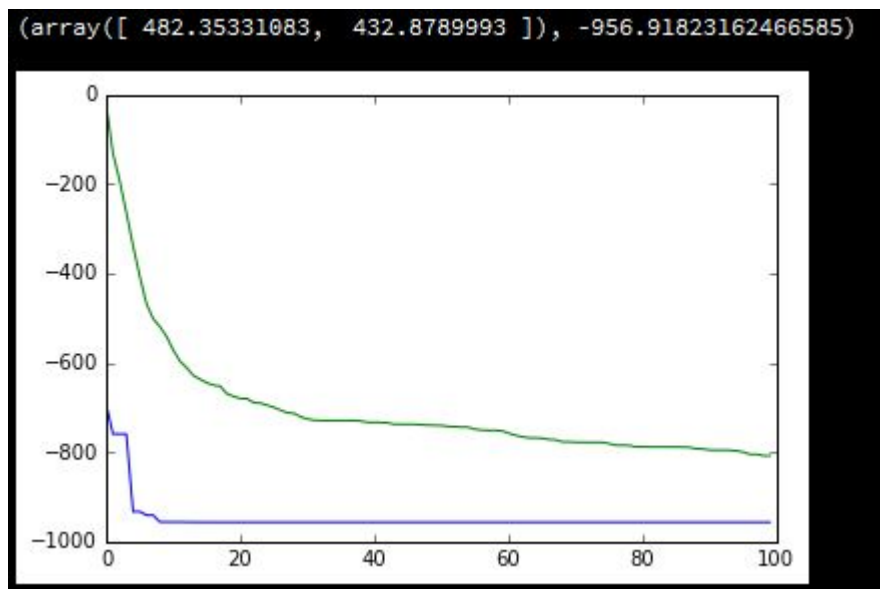
1. Egg Holder Function:



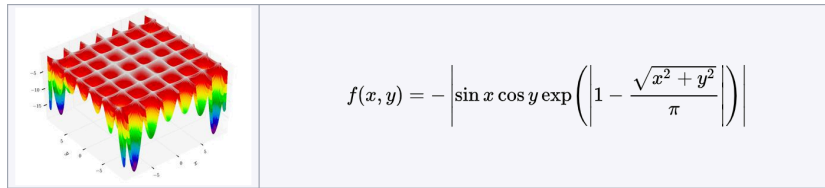
Correct Solution:

$f(512, 404.2319) = -959.6407$	$-512 \leq x, y \leq 512$
--------------------------------	---------------------------

Our Result:



2. Holder Table Function:



Correct Solution:

$\text{Min} = \begin{cases} f(8.05502, 9.66459) & = -19.2085 \\ f(-8.05502, 9.66459) & = -19.2085 \\ f(8.05502, -9.66459) & = -19.2085 \\ f(-8.05502, -9.66459) & = -19.2085 \end{cases}$	$-10 \leq x, y \leq 10$
---	-------------------------

Our Result:

