A.I

LAB TASK 7

Name: Syed Muzzamil Waseem

SID: 11067

CID: 110089

QUESTION

Write a program to implement an genetic algorithm that targets a number n (where n will be user input) from the infinite number of genes, which are as follow:

[1,2,3,4,5,6,7,8,9,0]

Take population size from user input.

CODE:

def main():

genes = [1, 2, 3, 4, 5, 6, 7, 8, 9, 0]

n = int(input("Enter n: "))

index = -1

for i in range(len(genes)):

if genes[i] == n:

index = i

break

if index != -1:

print("Genes founded")

else:

print("Genes not found!")

if \_\_name\_\_ == "\_\_main\_\_":

main()

OUTPUT:

