**Mansoura University**



**Faculty of Computers and Information**

**Department of Computer Science**

**Project Proposal**

# Arabic Title

# ضغط طول الحمض النووي

### 

##### English Title

### **Compression the length of DNA**

### **Submitted by:**

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Project Abstract:

This project compressed the length of DNA sequence in fastaq file , by looping DNA bases , Counts the number of times a character is repeated and print this number after the character

Project Objectives:

Compressing the length of the DNA will make the new file smaller than the original file, so it will reduce the storage space

Tools, Hardware and Software Resources:

**Tools :-**

**python**

**Software:-**

PyCharm and anaconda

**Hardware:-**

**Suitable computer**

SCHEDULING PHASES:

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References: