Python Test-8

1. Write a Python program to find the sum of this series.
   $1^2+ 2^4+ 3^6+ 4^8+ 5^{10}+ 6^{12}+ 7^{14}+ 8^{16}=?$

2. Write a Python program to find the sum of this series.
   $1^3+ 2^6+ 3^9+ 4^{12}+ 5^{15}+ 6^{18}+ 7^{21}+ 8^{24}=?$

3. Write a Python program to replace all Consonant in a string with "#".
   Sample: "Hello World"
   Output: #e##o #o###