# Using the below documents:

document1 = "Python is a 2000 made-for-TV horror movie directed by Richard Clabaugh. The film features several cult favorite actors, including William Zabka of The Karate Kid fame, Wil Wheaton, Casper Van Dien, Jenny McCarthy, Keith Coogan, Robert Englund (best known for his role as Freddy Krueger in the A Nightmare on Elm Street series of films), Dana Barron, David Bowe, and Sean Whalen. The film concerns a genetically engineered snake, a python, that escapes and unleashes itself on a small town. It includes the classic final girl scenario evident in films like Friday the 13th. It was filmed in Los Angeles, California and Malibu, California. Python was followed by two sequels: Python II (2002) and Boa vs. Python (2004), both also made-for-TV films."

document2 = "Python, from the Greek word (πύθων/πύθωνας), is a genus of nonvenomous pythons found in Africa and Asia. Currently, 7 species are recognised. A member of this genus, P. reticulatus, is among the longest snakes known."

document3 = "The Colt Python is a .357 Magnum caliber revolver formerly manufactured by Colt's Manufacturing Company of Hartford, Connecticut. It is sometimes referred to as a ""Combat Magnum"". It was first introduced in 1955, the same year as Smith &amp; Wesson's M29 .44 Magnum. The now discontinued Colt Python targeted the premium revolver market segment. Some firearm collectors and writers such as Jeff Cooper, Ian V. Hogg, Chuck Hawks, Leroy Thompson, Renee Smeets and Martin Dougherty have described the Python as the finest production revolver ever made."

Find the following:

1) Top 3 words unigram based on TF-IDF for document 3. Fill your answers below:

a.

b.

c.

2) The difference between the TF-IDF weightage of word films and film in document 1. Fill your answer below:

a.

3) Which is the document which is returned first when you search for the word "python", if there is a clash then document1 has more precedence than document 2 than document3