SE104 Homework 17

1. Do a literature review. Write a half-page short essay to summarize the major impacts of production of portland cement on the environment. Clearly list your references (Wikipedia is not allowed)

2. What are the two major components in portland cement that contribute most to its final strength? What are their hydration products?

3. How many major types of portland cements do we have? List the main characteristics and applications of each of them.

4. Describe the main characteristics of the five stages of hydration process of portland cement.