In the lab-classes we experiment with binary heaps.

- 1. You investigate binary heaps and HEAP-SORT.
- 2. For this the program Heap. java is to be investigated.

1 Understägignmenten Project Exam Help

Look into Heap. jaments.

- 1. How can we completely consistency of the constant of the co
- 2. What is heap_property
- 3. There are two method which the dize at edu_assist_pro
- 4. Identify the examples from the lecture in the main

2 Running an example

Consider the sequence

20, 0, 26, 33, 4, 15, 7, 27, 2, 1, 33, 25, 0, 30, 21, 10, 5.

- 1. Build a binary heap from that sequence, first on paper, and then check via the implementation.
- 2. Now run HEAP-SORT on that sequence, computing one after another all the binary heaps which are created on the way (as we had it in the example from the lecture). After you did this on paper, modify the code so that it prints out this sequence of heaps.