

OS 2020 Problem Sheet #2

Problem 2.1

In the data segment static segments such as char m go.

In the text segment memory instructions and the executable code of the program go.

In the stack segment ~~the~~ for the variable p in main() it will go ~~the~~ to the stack however inside the function startup it just stores address of p. The variable len and parameter s are also stored. The return address is also stored in stack.

In the heap segment ~~the~~ ~~only~~ the memory allocated by p inside the startup function goes in