S.M. Por class members S.m. for Module: get laure () Lecture: get Name () instance method plusule: register(s: Suchel) implementations Static memory >0 1 1 1 1 1 Stahi memory Module Kechire
for clusses >0 • VTable >0 • VTable Heap 2 6 cp Stack mawlel The variables 'module' and "cosc" are stared on the stack with points to their respective (Rass instances which are stored on the heap. Since there are only non static

class properties, all of them are stored on the heap. The class inched implementations on the other hand are stored on the static memory for class method implement tations and can be accessed viapointes shored in the respective utables. The method get laure is overriden by the Lecture class. This is achieved by repeacing the points in the viade of the class Lechre, which would normally point to the implementation of the getlame method of the Module class. Now the same entry in the Maste points to a di Quent implementation of the gettlame method. Therefor the method get lame of the Lecture class varios from the one of the Module class.