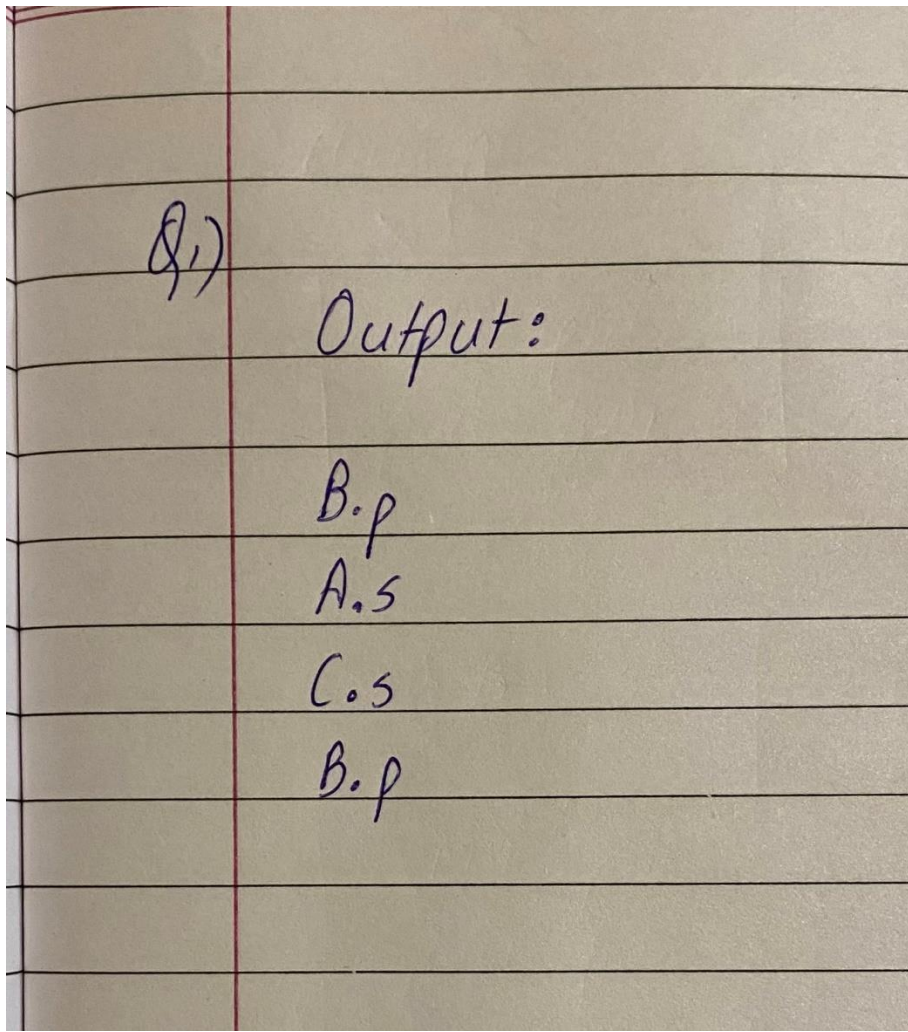


Programming Languages – Assignment 4

Group Members:

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Answer Q1) Given the code in Java, what does the program print?



Answer Q2) Given the code in C++, what does the program print?

Q2)

Output:

A.p

A.t

B.p

A.t

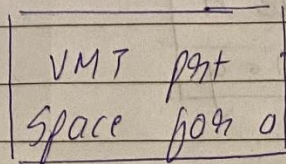
C.t

B.p

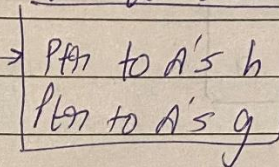
Answer Q3) Draw the VMT of each class and the layout of memory for a dynamically-allocated object of each class.

Q3)

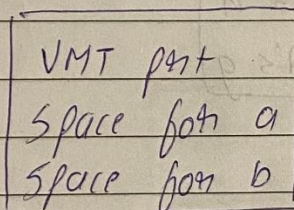
Class A



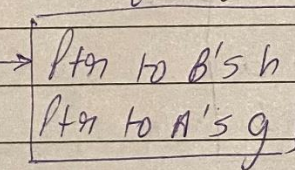
VMT for class A



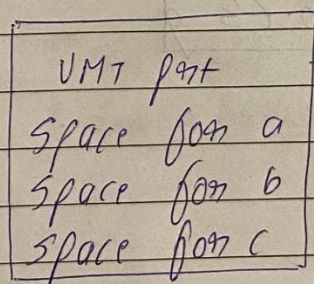
Class B



VMT for class B



Class C



VMT for class C

