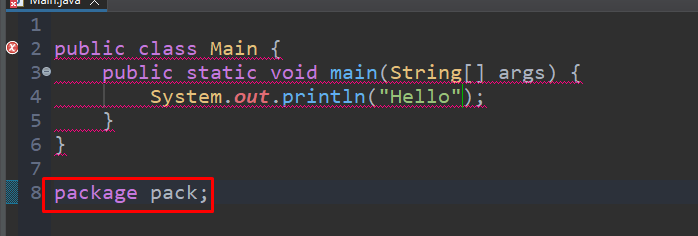
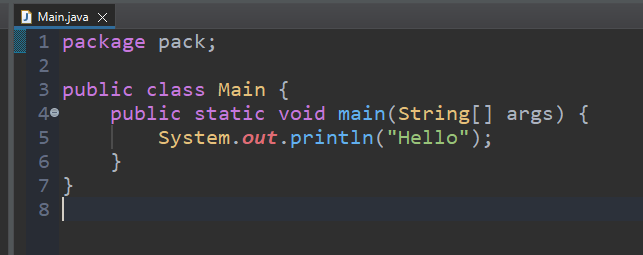
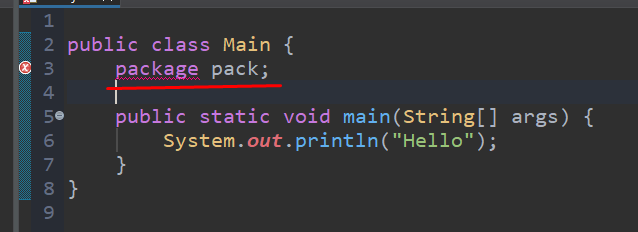
Package ni nomi doim eng birinchi yozilishi kerak, aks holda error beradi:



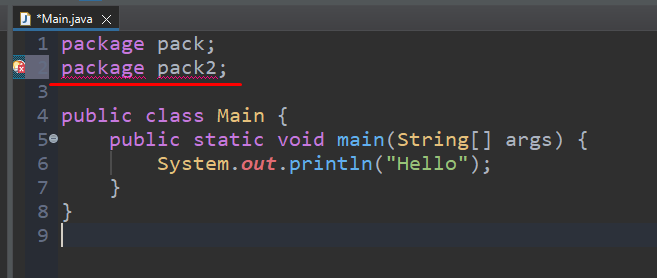
Endi esa xatolik yo’qoldi:



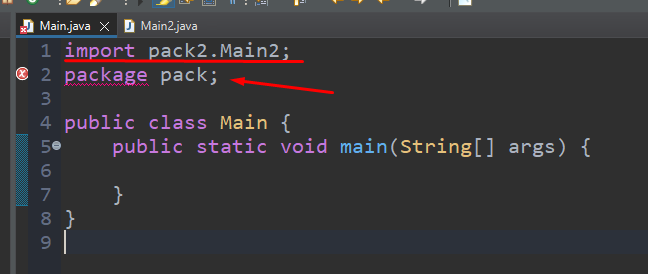
Packageni class ni ichida ham yoza olmaymiz:



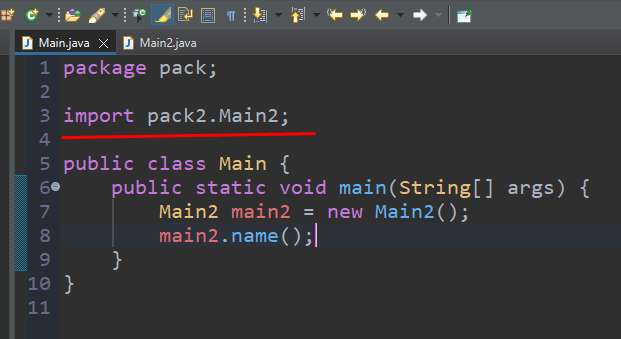
Bundan tashqari bitta class faqat bitta package ga tegishlidir, 2 yoki undan ortiq packagega emas:



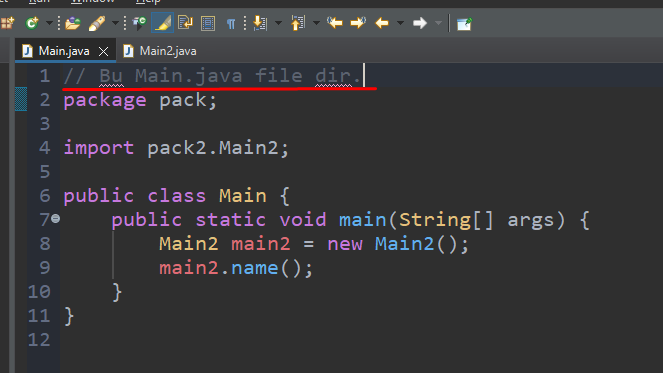
**Import** statementini package dan oldin yoza olmaymiz, aks hola error beradi:



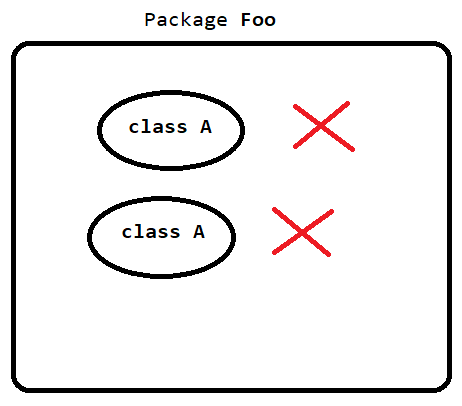
**Import** statement **package** dan keyin yozilishi kerak, shunda xatolik bermaydi:



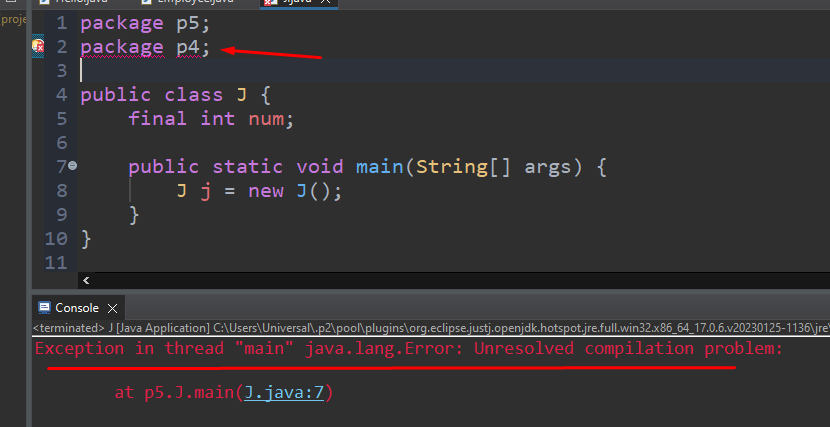
**Package** dan oldin yoki keyin comment yozish mumkin:



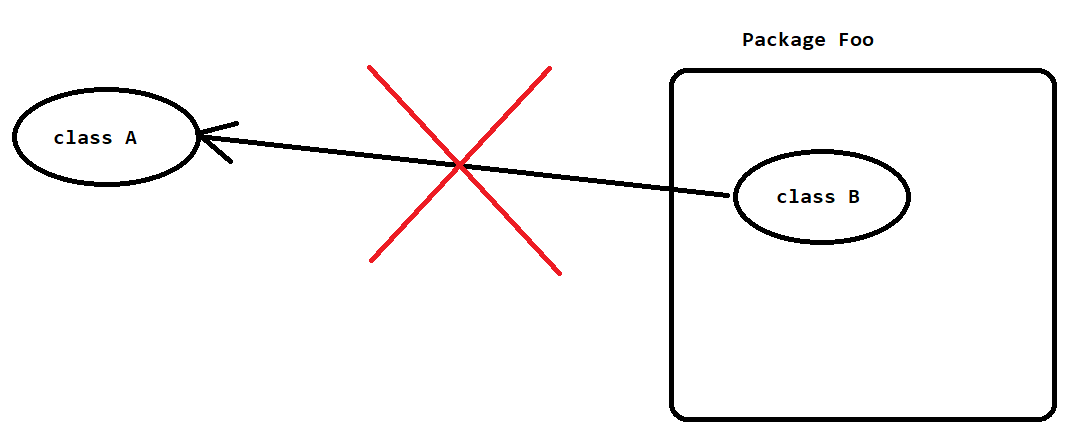
Bitta packgaeda **2** ta yoki undan ortiq bir xil nomli **class** lar bo’lishi mumkin emas. Xatolik beradi. Pastdagi rasmda shu narsa ko’rsatilgan. Masalan **Foo** nomli packaged 2 ta bir xil nomli **A** class yozilgan, lekin bunday yozish xato hisoblanadi:



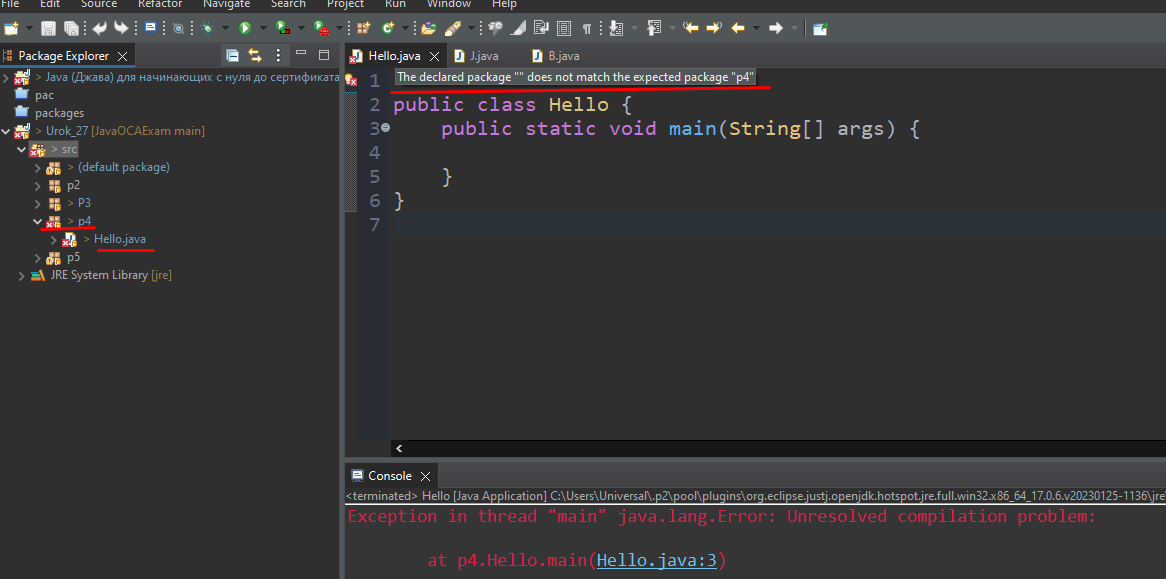
Bitta 1 ta class faqat bitta package ga tegishlidir, ya’ni 2 yoki undan ortiq package emas. Shuning uchun pastda 2-marta package ni nomini yozsak xatolik beradi. 1 ta class bir vaqtning o’zida 2 va undan ortiq class ga tegishli emas:



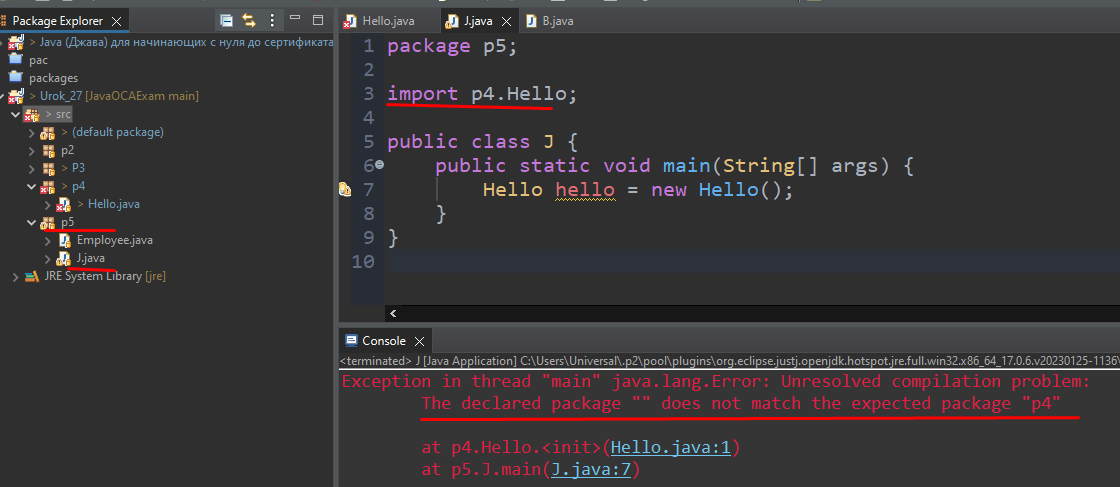
Agar class imizni qaysidir packageda ekanligini ko’rsatmasak, u holda bu classga boshqa package dan murojaat qilib bo’lmaydi, chunki boshqa packagedan turib o’sha class ni chaqirish uchun o’sha classni packgage ni bilishimiz kerak. Lekin bizda bu classni package ko’rsatilmagan. Masalan pastdagi rasmda ham shunday holat ko’rsatilgan. **Package Foo** dagi **B** class package ko’rsatilmagan **A** classga murojaat qil olmaydi. Chunki **A** class ni package ko’rsatilmagan.



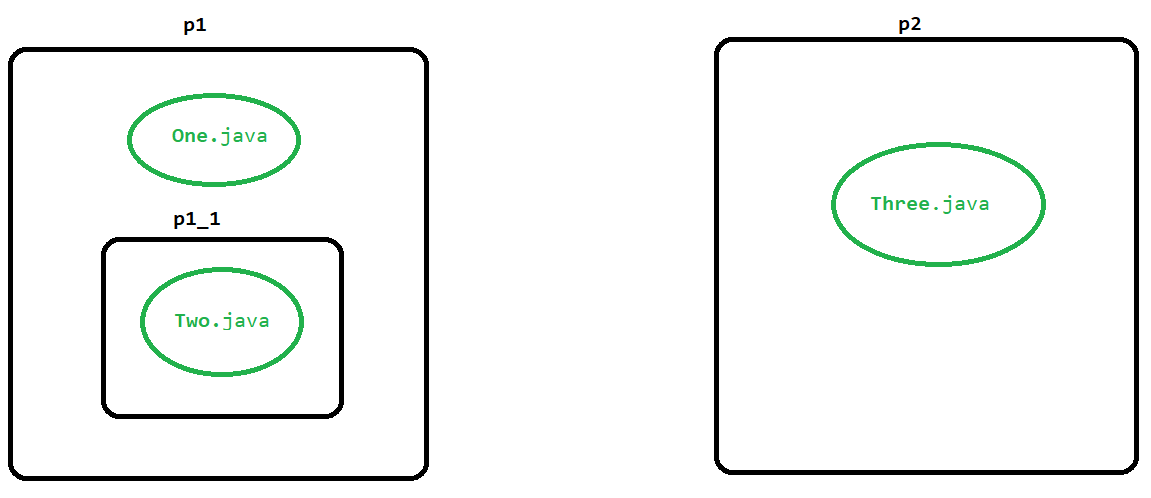
Pastda shuni misol bilan ko’ramiz. Bizda **p4** nomli package bor va uning ichida **Hello.java** nomli java fayl bor. Bu faylda biz package keywordini yozmaganmiz. Bu degani bu faylimiz hali biror bir package ga tegishli emas degani. Bizga compiler error beryapti:



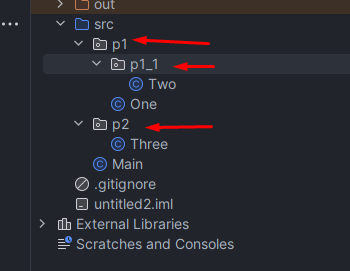
Agar biz mana shu **Hello.java** faylni package **p5** dan turib chaqirmoqchi bo’lsak, xatolik beradi. Sababi **Hello.java** ni topa olmaydi. Chunki **2** ta alohida-alohida packagelarda joylashgan java fayllar bir-birni faqatgina to’liq addresslari orqaligina ko’ra oladi. To’liq address esa bu **package**lardan iborat bo’lishi kerak:



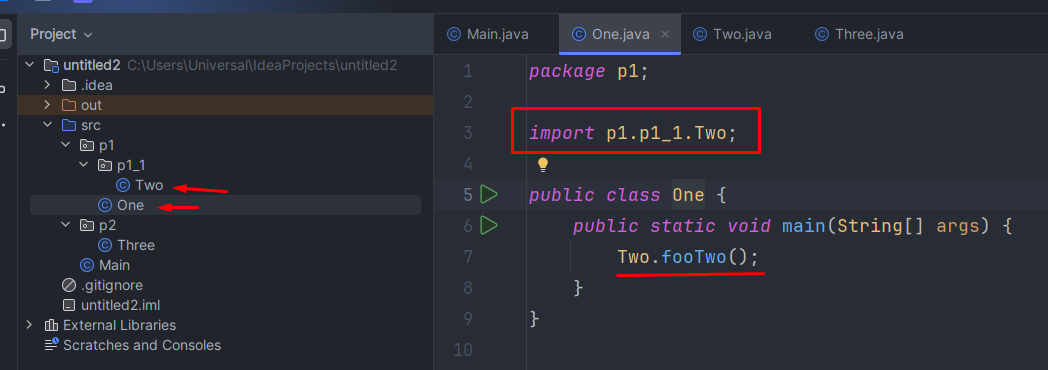
Pastda ko’rsatilgan strukturada packagelar(p1, p1\_1, p2) bor bo’lsin va 3 ta One, Two va Three java filelar bo’lsin. E’tibor bergan bo’lsangiz p1 packageni ichida p1\_1 package inner package bo’lib joylashgan:

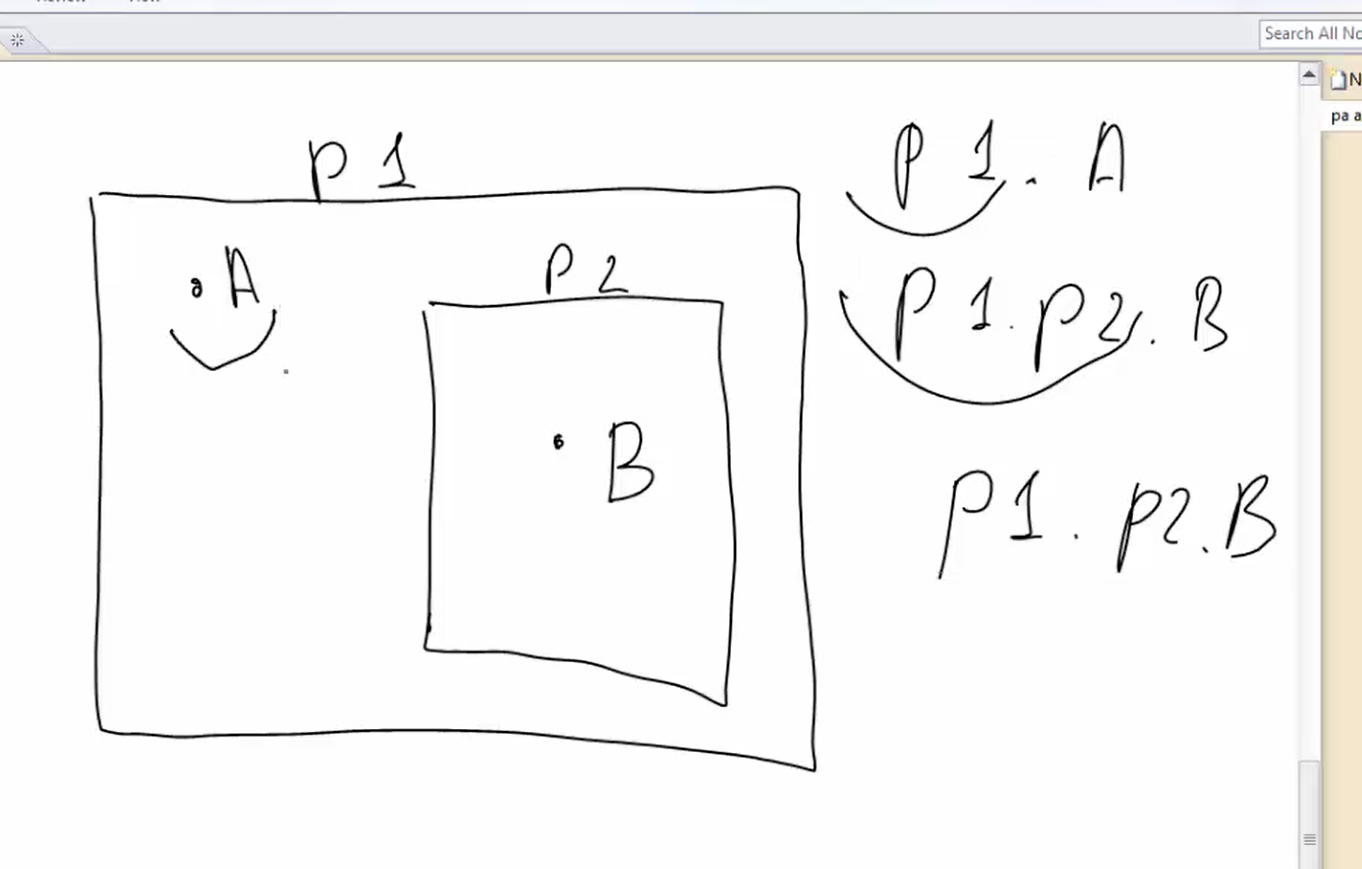


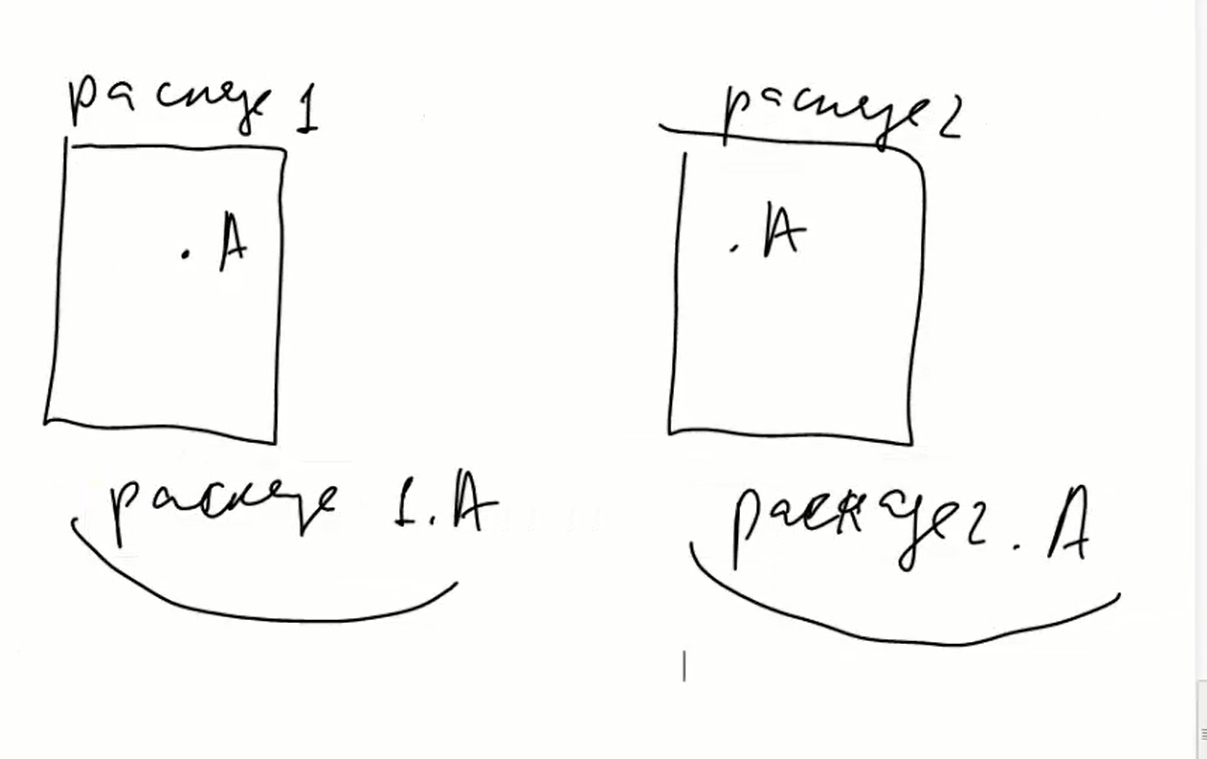
Endi shu strukturani editorda yaratib olamiz:

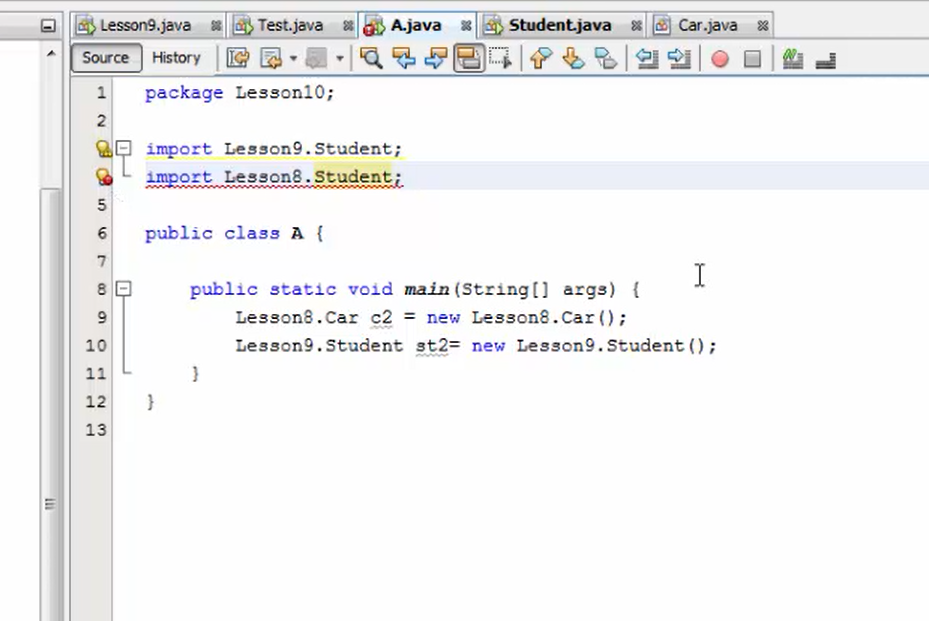


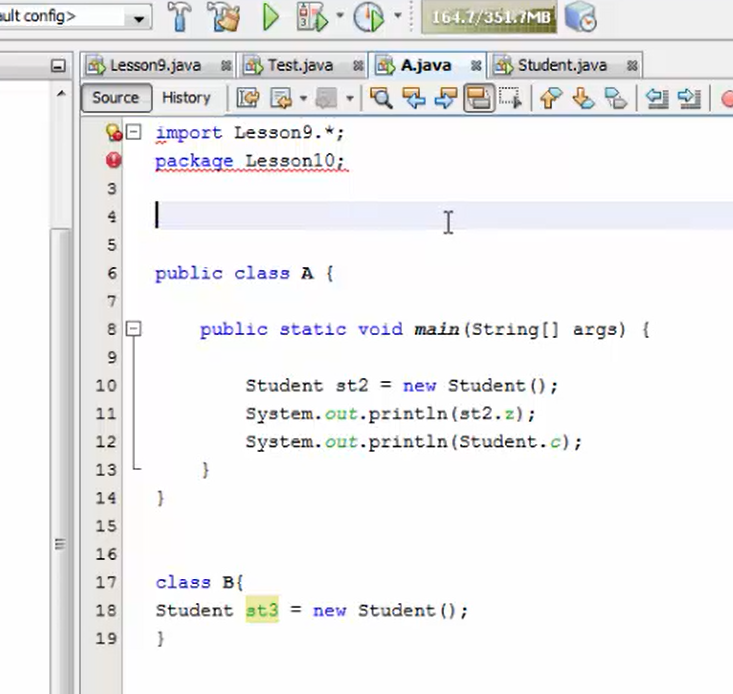
Endi biz p1 packagedan turib **p1\_1** dagi **Two.java** faylni chaqirmoqchi bo’lsak, u holda bunday yozamiz:

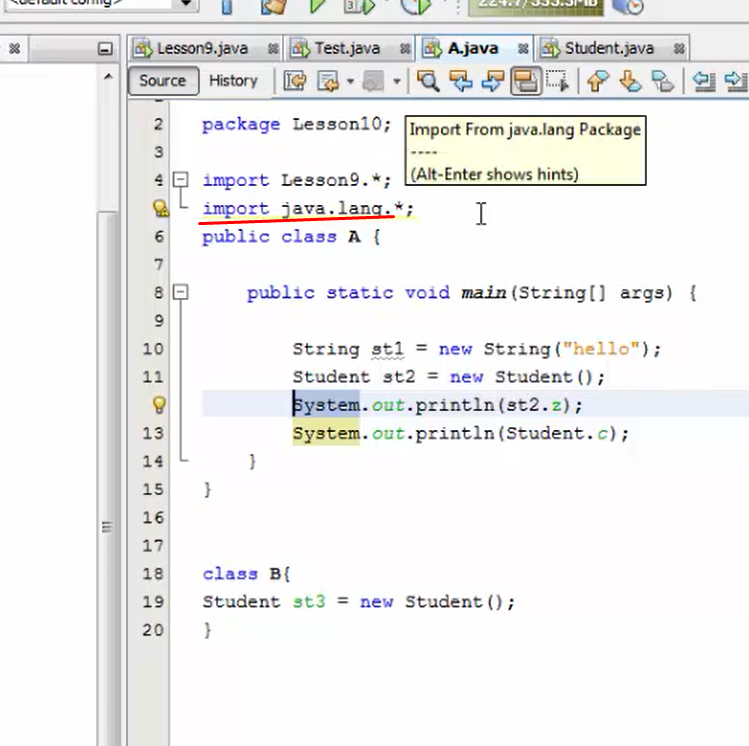


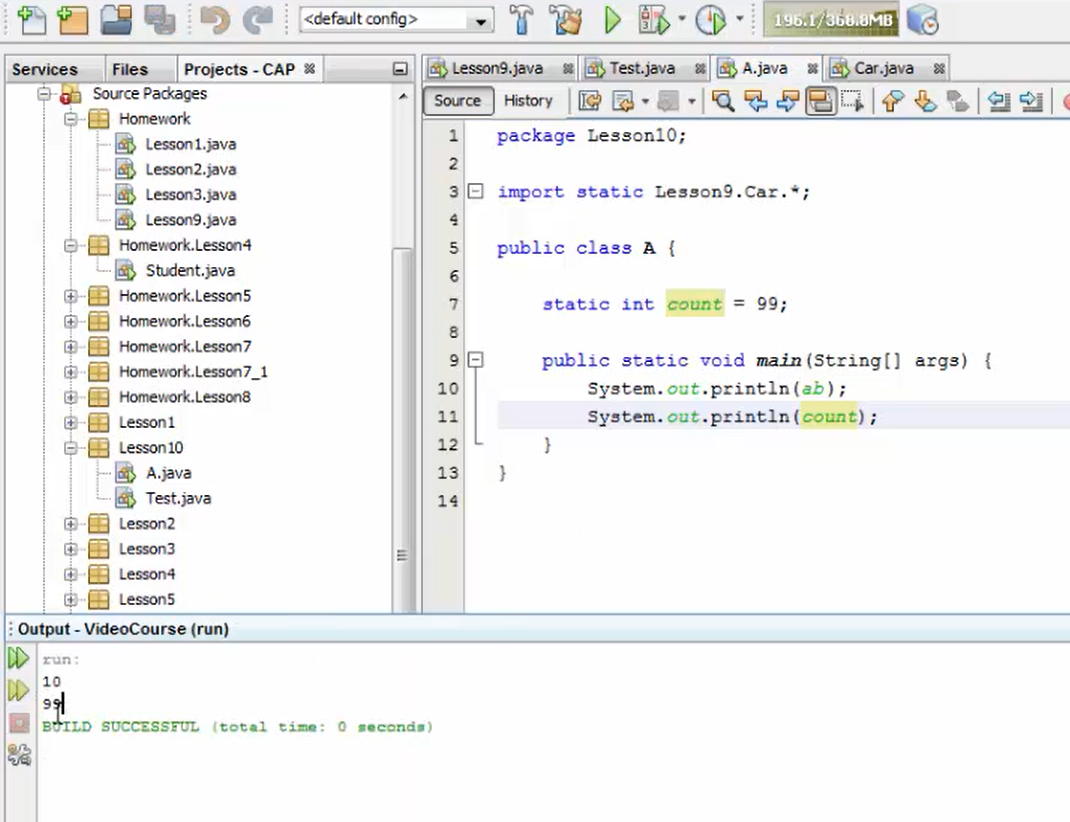












Pastdagi misolda **1-**holatda xatolik chiqishiga sabab, **p1** va **p2** package lardan bir xil **A** nomli class chaqirilyapti. **B** class esa bilmaydi qaysi packagedagi **A** class ni olishni. **2**-holatda esa **p1** va **p2** package lardagi hamma class larni **import** qilgin deyapmiz. Bu holatda ham ikkala packagedagi **A** class ham import bo’ladi. Shunda **B** class bilmaydiki qaysi class ni olishni. **3**-holatda esa ham ikkala packagedagi **A** class lar import qilinyapti, lekin bu yerda **import p1.A;** deb yanayam aniqroq qilib yozganimiz uchun, shu **p1** dagi **A** class ni oladi. Bu yerda hech qanaqa xatolik bo’lmaydi. **4**-holatda esa packagelarni nomi bilan impot qilganimiz uchun hech qanday xatolik bermaydi:

