Student propunator:**Tatoiu Christian Tiberiu** Grupa:227

[Email: tcir2628@scs.ubbcluj.ro](mailto:Email:%20tcir2628@scs.ubbcluj.ro)

Ce va face urmatorul program? Explicati.

List<String> stringCollection = Arrays.*asList*("ddd2", "aaa2", "bbb1", "aaa1", "bbb3", "ccc1", "bbb2", "ddd1", "aaa3", "aaa4");

List<String> res;

res=stringCollection  
 .stream()  
 .filter(x -> x.startsWith("a"))  
 .map(x -> x.toUpperCase())  
 .collect(Collectors.*toList*());

Variante raspuns:

a)res va contine elementele : [AAA2, AAA1, AAA3, AAA4] si nu va afisa nimic

b)res va contine elementele : [ddd2, aaa2, bbb1, aaa1, bbb3, ccc1, bbb2, ddd1, aaa3, aaa4] si nu va afisa nimic

c)Programul va afisa : [AAA2, AAA1, AAA3, AAA4]

d)Eroare de compilare

Explicatii: Stream-ul filtreaza toate elementele ce incep cu litera “a”, si le transforma in litere mari, apoi le colecteaza in lista res.