
Subject: Fastest way to list combinations

Posted by [antar3s86](#) on Fri, 13 Jul 2012 20:51:41 GMT

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Hi

I have to solve a problem which includes listing all possible combinations to form a triplet for a given number of objects.

Say you have the objects:

a,b,c,d,e, so in total 5 which gives you $5!/(2!*3!) = 10$ possibilities to list them without any doubles:

abc
abd
abe
acd
ace
ade
bcd
bce
bde
cde

I have solved this problem for any number (well up to some computer limit anyway) in three FOR loops but for large numbers this is rather small...

can you think of a better way than using loops to list all these possibilites?

thanks!!

:)
