

# ECOO Round 2 QUESTIONS

April 30, 2016

## Problem 4: Hop, Skip and Jump

### FIRST TRY

Suggested Marking Scheme

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Input file name: DATA41.txt

Allow 45 seconds of execution time for this question.

Each test case consists of 3 lines. Award 10 marks for each test case that is exactly correct. It's ok for a team to use a blank line to separate the outputs, as below, but that's optional.

Award 10 bonus marks if all lines are exactly correct.

HOP	HOP CFT	HOP C
SKIP C	SKIP	SKIP
JUMP C	JUMP CFT	JUMP C
HOP	HOP T	HOP
SKIP FT	SKIP F	SKIP T
JUMP CFT	JUMP CFT	JUMP CT
HOP F	HOP	
SKIP	SKIP	
JUMP CFT	JUMP FT	
HOP	HOP CF	
SKIP CF	SKIP CFT	
JUMP CFT	JUMP CFT	

# ECOO Round 2 QUESTIONS

April 30, 2016

## Problem 4: Hop, Skip and Jump

### SECOND TRY

Suggested Marking Scheme

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Input file name: DATA42.txt

Allow 45 seconds of execution time for this question.

Each test case consists of 3 lines. Award 10 marks for each test case that is exactly correct. It's ok for a team to use a blank line to separate the outputs, as below, but that's optional.

HOP CT  
SKIP CT  
JUMP CT

HOP F  
SKIP  
JUMP CFT

HOP  
SKIP  
JUMP

HOP  
SKIP F  
JUMP F

HOP  
SKIP  
JUMP F

HOP CF  
SKIP T  
JUMP

HOP C  
SKIP FT  
JUMP CFT

HOP  
SKIP CFT  
JUMP

HOP T  
SKIP  
JUMP CFT

HOP  
SKIP C  
JUMP