

NPTEL » Software testing Ask a Question **About the Course** Progress Announcements Mentor

Unit 13 - Week 11

outline	Assignment 11		
access the		Due on 2019-10-16, 23:59 IST.	
isite nent	In symbolic execution, various execution paths of a program are represented using which of the following data structures below?	1 poin	
	A forest of paths		
	A forest of trees		
	A tree of executions A set of path constraints		
	No, the answer is incorrect. Score: 0		
	Accepted Answers:		
	A tree of executions	1 noin	
	State true or false: Symbolic execution can be terminated if the program hits an error.	1 poin	
	○ True		
	False		
	No, the answer is incorrect. Score: 0		
	Accepted Answers: True		
	Which of the following lists disadvantages of symbolic testing?	1 poin	
	Path constraint cannot be solved by a constraint solver		
ting	Program has an error		
sting 2	Program has too many paths		
ted	Program has many functions		
andom	No, the answer is incorrect.		
	Score: 0 Accepted Answers:		
l ndom	Path constraint cannot be solved by a constraint solver		
dolli	4) Which of the following defines symbolic variables?	1 poin	
		•	
ndom	Special symbols for program variables		
	Memory addresses for program variables		
ment	Temporary names for program variables Concrete values for program variables		
	No, the answer is incorrect.		
ng : Iback	Score: 0		
	Accepted Answers: Memory addresses for program variables		
	5) State true or false:	1 poin	
DEOS	DART algorithm, when run on a program, always terminates	-	

