INTERMEDIATE PROGRAMMING

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1- BSCS-.2

Assessment Review

Simulation of Method1						
Accumulator/Counter						Output:
num1	num2	first	second	third	Return value	-14 20 126# 15 40 407# 15 80 1627# 70 160 6412#
5	~~10~~ ~~20~~ ~~40~~ ~~80~~ 160	~~24~~ ~~14~~ ~~5~~ ~~15~~ ~~25~~ ~~15~~ ~~10~~ 70	~~10~~ ~~20~~ ~~20~~ ~~40~~ ~~40~~ ~~80~~ ~~80~~ 160	~~126~~ ~~407~~ ~~1627~~ 6412	~~20~~ ~~40~~ ~~80~~ 160	

Simulation of Recursion4								
Accumulator/Counter								Output:
me	num	value(pass)	If(pass==1)	If(pass==2)	value(pass-1)+value(pass-2)	Return value	number	9th value is 21
“th”	9	~~9~~	F	F	value(8)+value(7)//paused	13+8=21	21	
		~~8~~	F	F	value(7)+value(6)//paused	8+5=13		
		~~7~~	F	F	value(6)+value(5)//paused	5+3=8		
		~~6~~	F	F	value(5)+value(4)//paused	3+2=5		
		~~5~~	F	F	value(4)+value(3)//paused	2+1=3		
		~~4~~	F	F	value(3)+value(2)//paused	1+1=2		
		~~3~~	F	F	value(2)+value(1)//paused	1+0=1		
		2	F	T	return = 1	1		
		1	T		return = 0	0		