## Abdul-Hamid Ims assignment

Ibrahim Abdul - Hamid		
17/ENGOL-10110		
Mechanical Engineerin	9 - ENG 382	
Command window	80 = 2 5 8 8 2 1	
clean		
Clc		
Format short		
V = 0.5		
m = 3.5		
9 = 9.8		
F = m*9		
V = Sant ((((F+C0.02*V))*(clog(v)^3))+(10*V)+176)/0.8)		
TOV 1 - 1. 11.	(Val) less	
1 ter (i+1)=i		
V (i+1) = Sqrt(111/F+(0	.02 V(i) 11 * (log(v(i))) ^3) + (10*V(i)) + (7106/3)	
taliti) = abs (((v(iti)-	V(i) / V(i+i)   *100   .	
1+ taci+1   «=1€-1	to tosely partitions	
break (10. pos)		
end	(For 1/38) 11 ( 800) - 1	
end sales	10 = 40.28196781 - 600814	
table = table (i'ter', )	1', fa')	
Output		
Iter V ta		
0 0.5 0		
1 239.05 99.		
2 294-17 18,		
3 302-61 2.		
4 303.85 0	40992	
5 304.04 0-	060144	
	0078222	
	. 0012941	
7	18981000	
1 - 7 11	·7842 e-05	
10 201	.0838e-06	
11 304.07 8	.7865 6-08	

12 304.07 1.2888e-0	8
13 304.07 1.89046-0	
14 304.07 (2.7727 6-	
15 304.07 4.0679 8-	
16 304.07 5.96356-	12
16 304.04 3.76336	
Community of Man 7 Me	204.07
Converging of Iter = 7; V=	STATE OF THE PROPERTY OF THE PARTY OF THE PA
fo = 0.312 0.021	Marian and a series of the ser
500t (InV)3	
17 V = 304.07	
RECALL FA = 9.8 x3.5	
Fa = 34-30	
Substituting V= 304.07	
+ - 2 ( 304.52) -	0.07(304.07)
500+ (In (304.07)3	
Fo = 40.38195131 - 60	0814 = 34.3
	3175-2-11-11-11
	2000
	Mac-emission 18