Took 2 - Implement conditional, control and looping statement Nine: To Implement conditional control and looping statements a. You was developing a simple grade magement System for a suchool. The system needs to determine the grade of a student losed of their score in a test i) Let the score is 90 or above, the grade is "A" ii) Let the score is b/w 80 and 89, the grade is is" iii). Let the score is blu 70 and 7a, the grade is c" iv) Let the score is below 60, the grade is F? Algorithm: 2. Get the input mark from the user 3. With the use of an ib-else-else statement · Let the mark >= 90 pringt grade A · Let the most is b/w 80 and 897 print grade B" · Let the monk is b/w 70 and 79 print grade ic · Let the mark is bow 60 and 69 print grade D' 1. Let the mark the 60 print grade F 4. Stop.

output Enter the score: 60 The Grade is) testa 1 il courted off wind) toggi) tom a o Printy in keyeal operations Perulais (ord) bono (ko)) tring ((ord.) ro (deo)) toning ((0<1) toa) toars PREFORMANCE (3)

Print (" The grade is A") red much soft softed elif (& core <= 89 and & core >= 80) Print (The grade is B") sodmur 21t strong elif (score = 79 and score >= 60); Print (" The grade is c") elif (8 core <= 69 and 8 core >= 60): Print (" The goode is D") Print (" The grade is F") b. You one developing are Education program to help the young students leave natual; one of the feature of the program is to display the first to natural number, to the user. write a python program the uses a for loop to print the first to reational rumbers. Algorithm 1. start Display "The first to ratural number": 3. use a for loop for generating the numbers. 4. Print the output 8top

output The First 10 natural numbers are to est, produte of si provs is blu to end so bes of all a aro The sharp set or moted to strang . 14 Program: 5 core = int (input ("Enter the score:")) if &core > = 90: Print (" The Grade is A") elif (8core <= 89 and 8core 7 = 80): print (" The Grade is B") elif (8cove <= 79 and 8cove >= 70): Print ("The Grade is c") elif (score <=69 and score >=60): Print (" The Grade is D") else:

print (" The Grade is F")

output or is at sotion) togni) to Enter the number : 5 The number of digits is 5 ist. Enter the number: (55 & elenge 177) The number of digits in 55 is ?? (The grade us F)

Program Print (" The first 10 natural numbers take: ") for i in range (1,11): # loop from 1 to 10 print (i) C. you are working one or feature for a financial application that includes validing usor imput one of the requirement is to count the total no of digits Algorithm 1. Start 2. Get the input from the user 3. convert the integer to sking using 8h() 4. use len functioning to find no. of digits 5. Print the output digit = int (input (" Exter the num ber:")) Program String: str (digit) # since integer doesn't have count = len (string) Print ("The number of digit in", digit, "is" Thus the python program to implement VELTECH conditional control and lowering stelleront word done success July. RESULT AND ANALYSIS (5)