Task 2: Implement Conditional, Control and looping statements Aim: To implement conditional, control and looping statements using python a) you are developing a simple grade management system for a school. The system needs to determine the grade of a student based on their score in Or test. The grading system follows these rules. If the score is 90 or above, the grade is "A" If the score is between 80 and 89, the grade is "B" It me score is between to and 79, the grade is ((C)) It the score is between 80 and 89, the grade is "D" If the score is below 60, the grade is "F" Algorithm -1. start 1. get the input mark from the wer 3. with the use of an if-elif-else Statement do. * It the marks >= 90 print grade "A." * If the marks between 80 and 89 is "B

* It the mark is between 70 and 79 print grade (6). * It the mark is between 60 and 69 print grade D" * If the mark is below 60, print grave 15" 4. Stop. program -Score = int (input ("Enter the score;")) if score >= 40 Print ("The Grade is A") elif (score z=89 and score 7=80): Print ("The Grade is B") elit (score <= 74 and score >= 70): elif (score <= 69 and score >= 60); print (" The Grade is D") erse print ("The Grade is F") output: Enter the score: 60 The Grade is

you are developing an educational program to help young students leave about natural numbers. Algorithm: 1. Start 2. Display "The first to natural humbers are 3. Use a for 100p for generating the numbers. 4. Print the output 5. Stop. program: # Displaying the first 10 natural numbers Print ("The first 10 natural humbers are") for i in range (1, 11): # Loop from 1 to 10 Right (i) Print (i) Output: The first 10 natural humbers arc 10.

you are working on a feature for a quat involves validating financial application use input. Algorithmi 1. Start 2. Get the input from the Usen the integer to string using str 3. Convert 4. We len function to find number of digit. S. Print the output. Program: digit = int (input ("futer the number") String = str (digit) # since integer doesn't have len() count = len (string) Print ("The number of digit in (digit", is : " (onn+) output: Enter the number: 5 The humber of digits in 5 is: 1 Enter me number:55 The number of digit in 55 is: 2

Result; Thus, the Python program to implement conditional, control and looping statements was done successfully.

