Implement conditional, control and lapping statements. Dim: To implement conditional, control and boping statement using python,

9) You are developing a timple grade management. System for aschool. The system needs to detection wine the grade of a student based on their. Prore in a test. The grading gystem follows these rules:

If the score is go or above , the grade is "A."

If the score is between so end sq, the grade is "Is."

If the score is between to and to, the grade is "I".

If the score is between to and 6q, the grade is "O".

If the score is below so, the grade is it.

Algorithm

1. Street

2. Get the input track from the use

3 - With the use plan if - else gatement to

: It the mastes >= 90 .print .grade "p"

male 11 between 80 and 89.

"If the moub is between Ho and Japan

: 11 the mark is between grade ?!

grade n' 60 and Bapont

: Il she malle 11 below 60, prout : grada ?

off- procupation formations in a service of the ser Briter the score 2601 The grade 17-1000 1000 prior developing arinaple grade more in Loon morapi adt loodoro vi coman the good took of a short sale allow material products after the print say If also score is go or above, the grade is a there miles policy score is believed to and on the great if the Scare reproduction of the 1st the Money of Stones of Stones of the A recept salt red mailed at 2 yout with h · widdingla. - some solic conf. trans days and solic so harmon salo - franch Mary Comp. 400 r

4. Hop 11/1 (4m) Programmed Consider at 1 mil 11/1 Score = i'nt (input ("Entre the score:")) if score >=90: · Print ("The Grade i(A"): elip Loure 2=89 and -Score >=10): print ("the Grade is B") elife (score K= 79and score)=701: Print (" the Grade 18 (")" elft ( score x=69 and score >=60): print ("The Grade 11 D") लक्ष:

print ("The brade is F")

La de Merio de la sante de America Desce

output The first 10 natural numbers ares (" 1 9100) SHE DEMAY " + 1894 (16 ) + 1/1/2 10 miles house of second second service (1) 91 6 MOVID 347 10 TIVITY 2000 600 POLES 01000 ) 47/3 " y " i show only of the (") " hord wrong thing

You are developing an educational program to help young students learn about noticed humbers. One of the feature of the program is to display the first to natural number to the use write a python program that uses a for loop to print the first. To ratural numbers a for loop to print the first. To ratural

## Dlgoridhos:

1. Stalk

2. Display "The first to natural number s are: "

3. Use atorloop for generating the number

u. print the output.

T. Shop

## Program

Pront (i):

sog reson appel vinsburg pringalous 6. company. Inter 1 the number of property of so distales in the sound of the the number of digitioning in in good bropla. s Display "The Pris to notwood includes a use; " 3. Use a for book for generaling the number print the output the surplying the first to naturalying the . Countral 10 2 and while Operation of the office of the of oftenory don't At this abuse on wing

You are coording on a feature for a financial application. That involves validating use input. One of the requirements 11 to count the total number of digits in a given number.

## Algorithm

1- Start-

2. get the input from the uses

3. Convert the integer to string using stre)

U. Use len function to tind number of digits

5. print the output.

## Thocham:

digit zint (input l'Entre the Numbee:"))

Hring = 1tr (digit) # line integer doesn't
have lens)

Count = len Wiring)

pront (17 he number of digits in 11 digit, "155

Develop : as imple program for the Air force to labor an aircraft as military of civitian. The program is to be given the plane's observed speed in bouth Wilometer perhous). The speed will have aster input for planes traveling in encent of mobile god thould display them assists a civilian. our craft, between 500 builts or 1100 km/h. display them as 112+15 :0 willtay - aircrafts and for plane framelling at more - 1 bauxes speed - less than soobmith you should display them as an "1+" 18180"

Imput & oupst.

1100-It's livilian direraft. It aBIRD!

2.2) The National faithquabe information Centree harthe following criteria to determine The earthquake is domage the the given richter scale Criteria and their correspond. ing chalacterization. The richter scale feeres as the input data and the chalacteri-20 mon as jouput information use the budbles. -ized if belse if I elve conclitroral statement Richter Krumber (n) characterizations

nest-o Little or no clamage

s-o> = nest 10 me clamage

s-r >= nest serious danage

s-r >= nest plisarree

higher lata strophe

I now doutput

2
6
Searous I danage

hittle or no clamage

VEL TECH - CS	SE
EX NO.	6
PERFORMANCE (5)	5
RESULT AND ANALYSIS (3)	3
VIVA VOCE (3)	3
PECORD (4)	7
TAL (15)	IS,
THEATE	1 14 1

Results. They the prython program to impliment.

Conditional i control and looping Hatements

was done successfully.