```
Date: 13-8-25
Aim > To implement conditional, control and woping statements
  using python.
Algorithm:
 -> start
 -> Get the input most from the user.
 -> with the use of an if-elst-else statement do
    -> It the marks >= 90 print grade A";
    -> If the mark is between 80 and 89 print grade "B".
     -> It the mark 15 between 70 and 79 print grade "c"
     -set the mark is between 60 and 69 printgrade 0".
     -it the mock is below 601 printgrade "f"
 -> STOP
Program :
   score = int (input ("fater the score:"))
    if score >= 90:
        print ("The Grade is A")
    elit (score L=89 and score >=80):
        print ("The trade is B")
     elf (score 2=79 and score == 70):
         print (" The Grade 15 c")
     elit (score 2=69 and score >=60):
         print ("The Grade is D")
      else :
         print (" The Grade is f")
```

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out Put:

Enter the score 160 the Grade 13 D water of the state of

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Task -22:

To write a python program that uses ladderized it-clif-else statements

Algorithm:

-Accept battery percentage from the user.

-> use ladderized it-elft-else to determine the health category:

-> If percentage 290-> "Excellent Battery health".

→ It 10 & percentage < 90 -> "Good Battery health"

-> It 401 percentage 1 70 -> "Average battery health";

-> If percentage 2 40 -> " poor Battery Health"

Program

-# Battery +leasth checker

Percentage = int (input ("enter battery percentage:"))

if percentage >=90:

Print (" faccilent Battery Health")

clif percentage >= 40:

print ("ewood Battery Health")

ellt percentage s = 40:

Print ("Accerage Battery tleath")

else:

print ("poor Battery Health")

Input:

Battery change percentage (integer) is such the week of an interest of

sample output

STAME MORPESS OF PARE THAT enter battery percentage: 85 Good Battery Health

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1(30 - 2 3100 6 1 01 0 13 12 / STE) /31-- (cold - sport stone

Tradeborn sight

enter height of visitor 2 in cm: 130

enter height of visitor 2 in cm: 110

enter height of visitor 3 in cm: 150

enter height of visitor 3 in cm: 150

enter height of visitor 4 incm: 90

enter height of visitor 5 in cm: 125

enter height of visitor 5 in cm: 125

enter height of visitor 5 in cm: 125

Allowed
Allowed
Not allowed
Not allowed

allowed

Marie India

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Allows puller

Task NO: 2.3 1-Date: 17-08-26

To write a program to their the height of each visitor at a amusement paxk.

Algorithm.

-> stoutthe program

-> set the total number of visitors to s

-> loop from visitor 1 to visitor 5;

-> Accept the height of the visitor as input (in cm).

- If height 15 greater than or equal to 1201 print

selse print "Not allowed".

-> End the loop after & visitors have been checked.

sstop the program.

for i in range (116)

height = int tinpot (f"enter height of visitor & ig in cm "))

(1) all filational (s). "I mally forther all (s)).

Pt helght 1 = 100: ((1) =) (1) = (2) = 1007" 1 11/19

pright l'and allowed to n'de;

(print l'Alot allowed to n'de.") ISL'TECH - ONE PERFORMANCE (5) RESULT AND ANALYSIS (3) VIVA VOCE (3) RECORD (4) TOTAL (15) SIGN WITH DATE

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Result thus, the python program was successfully emplemented using conditional statements, control flow, and loop statements.

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