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Batch : 2020

Course Name: Programming Fundamental

Course Code: (T-175

Department: BCIT.

Section: A (G1)

(2)

01: Write a python program to count consonants

Str = imput ("Enter any String")

Consonant = 0

for x im str:

if x=="a" or x=="A" or x=="e" or x=="E"

or x=="i" or x=="I" or n=="0" or n=="0"

or x=="u" or x=="I" or n=="0" or n=="0"

continue :

else:

consonent = consonent + 1.

prent ("The total number of consonants are", consonant)

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02: Write a python program to convert decemed into binnery numbers. Curing functions)

num = imput ("Enter ony decimal number")

def dtb (num):

of num > 1:

dtb (nun 112)

print (num 1,2, end = "")

dtb (num)

03: Explain the following with example.

i-Rules for constructing variable nermes.

1- Syntan error, logical error and runtime error.

i-Rules for constructing variables:

or the underscore character.

nashra, _nashra, Nashra, _Nashra

b, A variable name commot: stort with an number.

2 nashra, 14 roll no; 555 bricket

c, A variable name een only contain alphanumexic characters and underscores (A-z, O-9, and -).

hello-world, CT_032, rollno_32

11- Syntax Error:

Syntain errors are those types of errors in which we mistakenly write something not regarding to the actual structure. The creator of lenguages absency gave us the way of writing a specific piece of ede.

Example:

print ("Hello World")

print (Hello World) - It will show a syntan error.

Logical Error:

this is the most difficult type of error as it won't catch by the compriler. It is the error which occur in our own thoughts (logic).

Example: suppose we have to add two numbers but we mistakenly write '-' instead of '+' Czer-b

Kuntime error:

I suntime error 13 a program error their occurs while the program is running. There could be many runtime errors. For

> while (al=10): paint ("Hello")

Stop. It will run infinite times.

Write a python program to primt the following patterns (using Nested Fox loop)

in the part of the same

* * * * *

* * * *

* * 4

* *

*

The above patterns is generated when user enters the number S.

num= 1 ant (imput ("Enter any number")

for x in range (0, num+1):

for y in range (num-x1,0,-1):

print (" * ", end ="")

print ("\n").

Q5 what will be the autput.

Program # 01:

Output abcd

Program # 02:

Output:

Program #03:

Output:

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Program # 04:

Output: A=2