ACCESSING METHODS OF CLASS:

1/p - class Helloworld:

"This is my Hello world class"

def display(self):

Pount ("Hello world")

Constructor in weinted.

Flerction is execute

h = Hello world ()

b.display()

O/P - Hello World.

CONSTRUCTOR:

1/p - class student:

def_init_(self):

self. name = 'xyz'

self. rno = 2

self. marks = 100

SI=student()

Pount (si-name, si-mo, si-mouls)

O/P - XYZ 2 100

1/P - class Test: def_lnit_(self): Prént ("constructor le executed def fun(self): Pount ("Function is executed") t1=test() t2 = Test () | t1, t2 are objects ti-fun() () () t2-fun() (2) which do Ofp-constructor is executed constructor is executed Function is executed Function is executed Web _ tot _ tob OOP :> object xx' = omon the La class Ly variables 4 Methods 4 Constructors 17-init-() 4 self is the first

F

parameter

1/2.

Ly constructor

Ly It such (or) executes

cultomatically without

constructor

It seems when object is

created.

a Brush Accou

1/p - class beke:

def_lnit_(self, c, m, e, h, s):

self.color = c

self-mileage=m

self. engno= e

self. horsepower= h

self.speed = s

des update maxepeed (self, s):

self-speed = 3

des update maxhorsepower (self, h):

self-horsepower=h

activa = bise ("Blue", "45", "ABC123", "8-29", 45)

Print (activa speed)

O/P - 45 06) activa. updatemax speed (150) Point (activa-speed) 0/P - 150 Creating a Bank Account: class bankaceount: des_init_(self, a,s): self-aceno=a self-saving=s Preent ("Account created") def deposite (self,d): Poulnt (Deposite Successful') self-saving +=d def withdraw(self, w): éf(self.saving >= w): Pount ("Withdraw Successful") self-sawing = - w

Pount ('Insufficient funds')

det display (self):

Pount ('Saving balance = ", self-saving)

pavani = bankaceount ("173919", 20000)

0/p - Account created

Pavani. display ()

O/p - saving balance = 20000

Pavani deposite (20000)

Op- Deposite successful.

Pavani. Withdraw (10000)

O/p- wethdraw successful.

Pavani. display ()

Op-saving balance = 30000

* For Private one, we give syntax as self. — accro, etc

CONSTRUCTOR WITH MULTIPLE PARAMETERS.

1/P - class student:

(98)

def_init-(self, name, rno, mareks):

self-name = name

self. sino = sino

self. marks = marks

des display (self):

Pocent (Name: { }, Roll No: { }, Marchs: { }.

\format (self-name, self-sino, selfmarks))

For Pravate ene

S1 = student ('PAVANI', 90, 100)

SI-désplay()

52 student ('SITA', 13,90)

32. désplay ()

0/p - Name: Pavani, Roll No: 90, Marks: 100

Name: SITA, ROUNO: 13, Marks: 90

INSTANCE VARIABLE:

1/p - class student:

100 Maria Mala - 11

def_init_ (self, name, sino, marks):

self. name = name

self. sino = sino

self. marks = marks

des display(self):

Poeint ('Name: § 3, Roll No: § 3, Mariks: § 3.

(format (self-name, self-sino, selfmarks))

SI = student ('PAVANI', 90,100)
Poulnt (SI. _dlct_)

Print (si. name)

S1. display() 32 = student ('SITA', 13,90)

52. display()

0/p - { 'name': 'PAVANI', 'rno': 90, "marks': 100}

PAVANI

Name: PAVANI, Roll No: 90, Marks: 100,

Name: SITA, ROLLNO: 13, Marchs: 90

STATIC VARIABLE:

(109)

1/p - class student:

Collège = "ST. PETER'S ENGINEERING COLLÈGE"

des __ (net _ (self, name, sino, marks):

self-name = name

self. eno = eno

self.moviks = moviks

des display(self):

Pount ('Name: { }, Roll No: { }, Marks: {},

format (self-name, self-sino, selfmarks) }

stedict Circles

Pount ('collège: 1', suf. collège)

31 = Student ('PAVANI', 90, 100)

SI. display ()

32 = Student ('SITA', 13, 90)

82. display()

O/p-Name: PAVANI, ROLLNO: 90, Marks: 100,

Collège: ST. PETER'S ENGINEERING COLLÈGE

Name = 81TA, Roll No: 13, Marks: 90,

collège: ST. PETER'S ENGINEERING COLLÈGE

CHANGING THE STATIC VARIABLE USING 31:

31. college = "SRIGAYATRI JUNIOR COLLEGE"

S1. display ()

S2. display ()

ofp-Name: PAVANI, ROLL NO: 90, Marks: 100, College: SRIGAYATRI JUNIOR COLLEGE

Name: SITA, ROLL NO: 13, Marks: 90

Collège: ST. PETER'S ENGINEERING COLLÈGE

the close thee:

LOCAL VARIABLE:

1/p - class Test:

des Pilself):

X = 40

Pount(x)

def P2(self):

Y= 25 10 1000 pp. 1/2.

Pount(y)

the probable too

t = Test()

t.PIC)

toP2 (), you " sound" tongs

0/p - 40 000 112 (3 poi) 100 0