

## Create a python program class with the name Candidate. with the following insta...

```
c5 = Candidate("stu","stu", 444)

print("firstName lastName noOfVotes percentageVotes")
print("=====")
print(c1.toString());
print(c2.toString());
print(c3.toString());
print(c4.toString());
print(c5.toString());

list=[c1,c2,c3,c4,c5]
print("\n\nWinner of the election will be :")
```

```
#method getVotes

#method interface

#instantiate objects of Candidates

for x in range(10):
    dispCandid() voteCast = int(input('Enter code to cast yor vote'))
    #set vote
    candid setVotes(voteCast)
d = dict(Counter(Candidate.votes))
```

ful

may be longer for new subjects.

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ch Expert Answer

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### Step 1

Create a python program class with the name Candidate. with the following instance attributes/states: name, Position. Add class attribute votes to record all the votes of candidates, Create a setVotes method, to enter data into the object you are to instantiate. Create another method name getVotes to access the vote of the candidates and another method to serve as interface.

### Step 2

CODE:

```
#Candidate.py

class Candidate:
    def __init__(self, firstName, lastName, noOfVotes):
        self.firstName = firstName
        self.lastName = lastName
        self.noOfVotes = noOfVotes

    Total = 2000
    def calculatePercentage(self):
        return ( self.noOfVotes * 100 ) / 2000

    def toString(self):
        return self.firstName+" "+self.lastName+" "+str(self.noOfVotes)+"
"+str(self.calculatePercentage());

    def setFirstName(self,val):
        self.firstName=val;

    def getFirstName(self):
        return self.firstName;

    def setLastName(self,val):
        self.lastName=val;
```

```

def getLastName(self):
    return self.lastName;

def setNoOfVotes(self,val):
    self.noOfVotes=val;

def getNoOfVotes(self):
    return self.noOfVotes;
#Test.DV. create import

c1 = Candidate("abc","abc" , 360)
c2 = Candidate("def","def" , 486)
c3 = Candidate("ghi","ghi" , 465)
c4 = Candidate("pqr","pqr" , 111)
c5 = Candidate("stu","stu" , 444)

print("firstName lastName noOfVotes percentageVotes")
print("=====")
print(c1.toString());
print(c2.toString());
print(c3.toString());
print(c4.toString());
print(c5.toString());

list=[c1,c2,c3,c4,c5]
print("\n\nWinner of the election will be :)")
print("\n\nWinner of the election will be :)")
max=c1.noOfVotes
for i in list :
    if(max<i.noOfVotes) :
        max=i.noOfVotes
        print(i.toString())

```

### Step 3

#### OUTPUT :

```

firstName  lastName  noOfVotes  percentageVotes
=====
abc        abc        360        18.0
---        ---        ---        ---
ghi        ghi        465        23.25
pqr        pqr        111        5.55
stu        stu        444        22.2

Winner of the election will be :
def        def        486        24.3

```

Was this solution helpful?

1 thumb\_up thumb\_down 0

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question\_answer Q: -Python3-

A: I have given an answer in step 2.

question\_answer Q: Prepare a list of customers that each of the four brokers (Benson, Kennedy, Hilda and Nat) have.

Broker and try to color its related customer. For each BROKER user...

question\_answer Q: What is the output of the following code? class example{ private: int a,b; public: example(int m, in...

`#include <math>using namespace std;class example{ private: ...`

question\_answer Q: How many logic gate/s (minimum) are needed for a 3-bit up-counter using standard binary and T flip-l...

A: Answer of the given question is option (c) i.e 0 and provided the stan

question\_answer Q: write a program that uses a for loop. You'll need to be able to explain it (not just send the code)...

A: 1.for loop - The for loop has an iterator binding and the body. An

question\_answer Q: Q: Propose a process model for the software development of COVID-19 in which cross functional team (...)

A: The Covid-19 crisis that has hit the world in 2020 has affected workers in

option(s) is/are and provide the step by step explanation for the ...

erator binding and the body. An iterator binding has an identifi...

word in 2020 has directed workers in two markedly distinct way...

question\_answer

**Q: Suppose there are 4 nodes sharing a broadcast channel using TDMA protocol. Suppose at time  $t=0$ , Node**

question\_answer

**Q: Discuss five duties of the Sysadmin. b.What Is Active Directory? c.Discuss Evard's 5 states of machi**

question\_answer

**Q: Computer science Cs 102**

**A: Given: Suppose there are 4 nodes sharing a broadcast channel using TDMA protocol. Suppose at time  $t=...$**

**A: b.Active Directory (AD) may be a information and set of services that connect users with the network...**

**A: Note: Since no programming language is mentioned, I am attempting this in python. if you need it in ...**



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```
self.noOfvotes = noOfvotes
```

```
Total = 2000
```

```
def calculatePercentage(self):
```

```
    return (self.noOfvotes / 2000) * 100
```