

```
8.Create a basic function that returns True if the word 'dog' is contained in the input string. Don't worry about edge cases like a punctuation being attached to the word dog, but do account for capitalization.

def findDog(st):
    if 'dog' in st.lower():
        print("True")
    else:
        print("false")
    st="Is there a dog here?"
    findDog(st)

True

findDog('Is there a dog here?')

Python

True
```

```
9.Create a function that counts the number of times the word 'dog' occurs in a string. Again ignore edge cases.

value = 'This dog runs faster than the other dog dude!';

Python

def countdogs(value):

count=0
for word in value.lower().split():
    if word=-'dog' or word =='dogs':
        count=count+1
    print(count)
    countdogs(value)

Python

1
2
```

10.You are driving a little too fast, and a police officer stops you. Write a function to return one of 3 possible results: "No ticket", "Small ticket", or "Big Ticket". If your speed is 60 or less, the result is "Sno Incket". If speed is 81 or more, the result is "Big Ticket". Unless it is your birthday (encoded as a boolean value in the parameters of the function) — on your birthday, your speed can be 5 higher in all cases.

```
def caught_speeding(speed, is_birthday):
    if is_birthday:
        speeding = speed - 5
    else:
        speeding = speed

    if speeding > 80:
        return 'Big Ticket'
    elif speeding > 60:
        return 'Small Ticket'
    else:
        return 'No Ticket'

pass

Python
Caught_speeding(90,True)
```

```
Table Ticket'

Create an emptyce for with basic salary values for 1 semployee) and using a for loop retriev each employee salary and calculate total salary expenditure.

Disti-{{ Empname': "Krishna', "Basic_salary': '60000'}, { 'Empname': "Abi', "Basic_salary': '50000'}, { 'Empname': "Abi', "Basic_salary': '50000'}, { 'Empname': "Lakshna', "Basic_salary': '40000'}, { 'Empname': "Abi', "Basic_salary': '50000'}, { 'Empname': "Lakshna', "Boooo', "Lakshna', "Boooo', 'Lakshna', 'Boooo', 'Lakshna', 'Booooo', 'Lakshna', 'Boooo', 'Lakshna', 'Booooo', 'Lakshna', 'Boooo', 'Lakshna', 'Booooo', 'Lakshna', 'Booooo', 'Lakshna', 'Booooo', 'Lakshna', 'Booooo', 'Lakshna', 'Booooo', 'Lakshna', 'Booooo', '
```

{'Empid': '493', 'Empname': 'Amrisha', 'Basicpay': '50,000', 'DeptName': 'testing', 'DeptId': '45'}