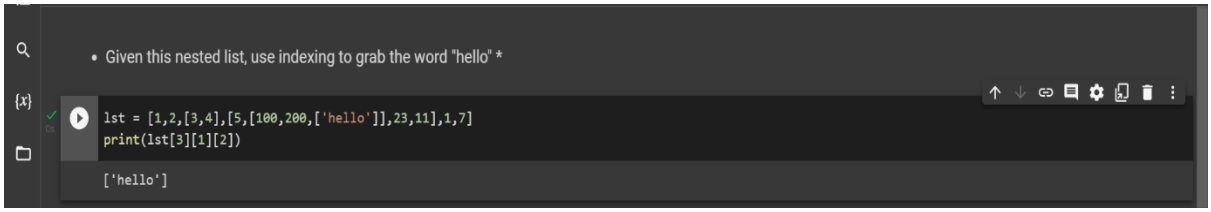
ASSIGNMENT 3

QUESTION 1

QUESTION 2

QUESTION 3

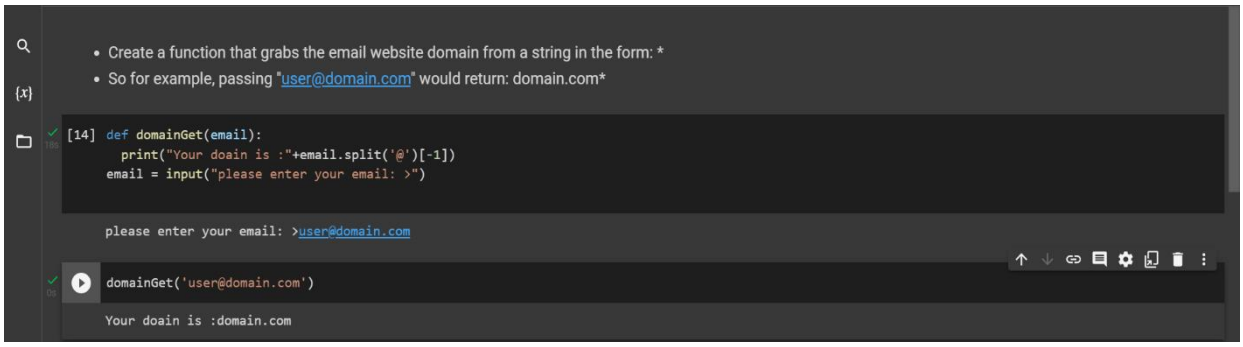
QUESTION 4



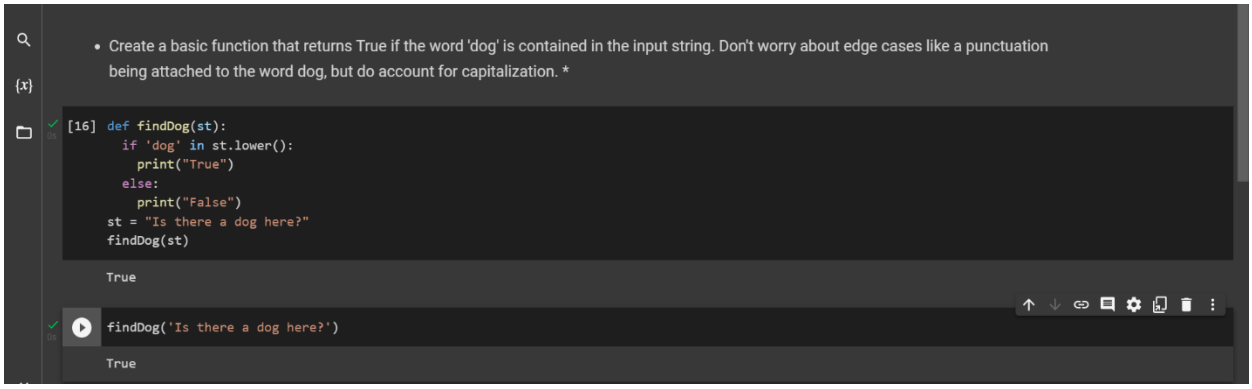
QUESTION 5

QUESTION 6

QUESTION 7



QUESTION 8



QUESTION 9

QUESTION 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 "No Ticket". If speed is between 61 and 80 inclusive, the result is "Small Ticket". 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'
print(caught_speeding(90,False))
```

```
Big Ticket
```

QUESTION 11

"Create an employee list with basic salary values(at least 5 values for 5 employees) and using a for loop retreive each employee salary and calculate total salary expenditure. "

```
employee = [400,500,550,600,250]
sum = 0
print("Salary of 1st person is",employee[0])
print("Salary of 2nd person is",employee[1])
print("Salary of 3rd person is",employee[2])
print("Salary of 4th person is",employee[3])
print("Salary of 5th person is",employee[4])
for x in employee:
  sum = sum+x
print("The total salary is",sum)
```

```
Salary of 1st person is 400
Salary of 2nd person is 500
Salary of 3rd person is 550
Salary of 4th person is 600
Salary of 5th person is 250
The total salary is 2300
```

QUESTION 12

"Create two dictionaries in Python: First one to contain fields as Empid, Empname, Basicpay. Second dictionary to contain fields as DeptName, DeptId.Combine both dictionaries. "

```
d1={'Empid':1, 'Empname': "abc",'Basicpay':10000}
d2={'DeptName':'cse','DeptId':2}
print({**d1,**d2})
```

```
{'Empid': 1, 'Empname': 'abc', 'Basicpay': 10000, 'DeptName': 'cse', 'DeptId': 2}
```