In [1]:

```
#Q1. Declare a variable a=10, b=20.5, c='SGU', d='University' and print all the variables.

a=10
b=20.5
c='SGU'
d='University'
print(a)
print(b)
print(c)
print(d)
```

```
10
20.5
SGU
University
```

In [2]:

```
#Q2.Write a comment 'This is my first program'

#This is my first program
```

In [6]:

```
#Q3. Print 'This is my CAR' using multi line statement

print("This\
 is\
 my\
 CAR")
```

```
This is my CAR
```

In [7]:

```
#Q4. Declare variables a=10, b=15. Apply all the arithmetic operations on a and b
a=10
b=15
print(a+b)
print(a-b)
print(a*b)
print(a/b)
```

```
25
-5
150
0.6666666666666666
```

In [8]:

```
"""
Q5. Print the following statements
    a. This is 'Sanjay Ghodawat University'
    b. This is "Sanjay Ghodawat University"
    c. She's on time
    d. She's a student of "Sanjay Ghodawat University"
"""

print("This is 'Sanjay Ghodawat University'")
print('This is "Sanjay Ghodawat University"')
print("She's on time")
print("She's a student" 'of "Sanjay Ghodawat University"')
```

```
This is 'Sanjay Ghodawat University'
This is "Sanjay Ghodawat University"
She's on time
She's a studentof "Sanjay Ghodawat University"
```

In [10]:

```
#Q6. Print "Hello" message 4 times
a='Hello '
print(a*4)
```

```
Hello Hello Hello Hello
```

In [13]:

```
#Q7.print the following sentence using concatenation operstors: Sanjay Ghodawat University

a='Sanjay'
b=' Ghodawat'
c=' University'
print(a+b+c)
```

```
Sanjay Ghodawat University
```

In [14]:

```
"""
Q8. Apply the following operstion of string: YouTube
    a. Print the first letter
    b. Print second letter
    c. Retrive and print 'Tube' from String
    d. Print all the letters starting from second letter
    e. Print all the letters till t

"""

string='YouTube'
print(string[0])
print(string[1])
print(string[3:6])
print(string[1:6])
print(string[0:2])
```

```
Y
o
Tub
ouTub
Yo
```

In [ ]: