In [1]:

```python
import re
txt="I am studying in GITAM university"
x=re.search("I.*y$",txt)
if x:
  print("yes")
else:
  print("no")
```

yes

In [2]:

```python
import re
txt = "I'm studying in GITAM university"
x = re.findall("in", txt)
print(x)
```

['in', 'in']

In [4]:

```python
import re
txt = "I completed my school from SRI PRIKASH VIDYANIKETAN "
x = re.findall("the", txt)
print(x)
if (x):
    print("Yes,there is a match!")
else:
    print("No match")
```

[]
No match

In [ ]:

```python
import re
txt = "HI I AM A.MURALIDHAR"
x = re.search("Balaji", txt)
print(x)
```

In [5]:

```python
import re
txt = "sem end"
x = re.split("\s", txt)
print(x)
```

['sem', 'end']

In [6]:

```python
import re
txt= "gitam university visakhapatnam"
x = re.split("\s", txt, 1)
print(x)
```

['gitam', 'university visakhapatnam']

In [7]:

```python
import re
txt = "sem end"
x = re.sub("\s", "5", txt)
print(x)
```

sem5end

In [8]:

```python
import re
text="Hey! i am avinash"
a=re.search("sh",text)
print(a)
```

<re.Match object; span=(15, 17), match='sh'>

In [9]:

```python
import re
txt = "The rain in Spain and India"
x = re.search(r"\bS\w+", txt)
print(x.span())
a = re.search(r"\bS\w+", txt)
print(a.string)
b = re.search(r"\bS\w+", txt)
print(b.group())
```

(12, 17)
The rain in Spain and India
Spain

In [ ]:

```python
import re
txt = "my·regd·number·is·099"
x = re.findall("\d", txt)
print(x)
```

In [11]:

```python
txt = "hello , Gitam University"
x = re.findall("University$", txt)
if x:
    print("Yes, the string ends with 'planet'")
else:
    print("No match")
```

Yes, the string ends with 'planet'

In [12]:

```python
txt = "The rain in Spain and India"
x = re.findall("ra.*a", txt)
print(x)
```

['rain in Spain and India']

In [13]:

```python
import re
txt = "Gitam University"
x = re.findall("Un.{7}y", txt)
print(x)
```

['University']

In [15]:

```python
import re
txt = "Gitam University"
x = re.findall("[arn]", txt)
print(x)
if x:
    print("Yes, there is at least one match!")
else:
    print("No match")
```

['a', 'n', 'r']
Yes, there is at least one match!

In [18]:

```python
import re
txt = "Gitam University"
x = re.findall("[a-n]", txt)
print(x)
if x:
    print("Yes, there is at least one match!")
else:
    print("No match")
```

['i', 'a', 'm', 'n', 'i', 'e', 'i']
Yes, there is at least one match!

In [ ]:

```python
import re
txt = "my·regd·number·is·099"
x = re.findall("[0-5][0-9]", txt)
print(x)
if x:
    print("Yes, there is at least one match!")
else:
    print("No match")
```

In [17]:

```python
import re
txt = "my regd number is 099"
x = re.findall("[a-zA-Z]", txt)
print(x)
if x:
    print("Yes, there is at least one match!")
else:
    print("No match")
```

```
['m', 'y', 'r', 'e', 'g', 'd', 'n', 'u', 'm', 'b', 'e', 'r', 'i', 's']
Yes, there is at least one match!
```

In [ ]: