Question : 1 Find all occurences of subsstring in the given string?

i am nishant anand ; i am upgrader student ;i am studying python

```
In [2]: str1 ="i am nishant anand ; i am upgrader student ;i am studying python"
        str1.count("i")
Out[2]: 5
```

```
In [3]: str1.count("am")
Out[3]: 3
```

```
In [4]: str1.count("a")
Out[4]: 7
```

```
In [5]: str1.count("n")
Out[5]: 7
```

```
In [7]: str1.count("d")
Out[7]: 4
```

```
In [8]: str1 ="i am nishant anand ; i am upgrader student ;i am studying python"
        str1.find("i")
Out[8]: 0
```

```
In [9]: str1.find("am")
Out[9]: 2
```

```
In [10]: str1.find("anand")
Out[10]: 13
```

```
In [17]: str1.find("python")
Out[17]: 58
```

```
In [18]: str1.rfind("am")
Out[18]: 46
```

```
In [19]: str1.rfind("i")
Out[19]: 54
```

Question 2:

islower() and isupper() with different kind of strings

```
In [35]: str1="python"
         str2="essential"
         str3="letsupgrade"
         str4="batchnosix"
```

```
In [22]: str1.islower()
Out[22]: True
```

```
In [23]: str2.islower()
Out[23]: True
```

```
In [24]: str3.islower()
Out[24]: True
```

```
In [25]: str4.islower()
Out[25]: True
```

```
In [36]: str5="PYTHON"
         str6="ESSENTIAL"
         str7="LETSUPGRADE"
         str8="BATCHNOSIX"
```

```
In [39]: str5.isupper()
Out[39]: True
```

```
In [40]: str6.isupper()
Out[40]: True
```

```
In [41]: str7.isupper()
Out[41]: True
```

```
In [42]: str8.isupper()
Out[42]: True
```