**Strings**

**What is string?**

String is sequence of characters

A character is simply a symbol for Ex : the English language has 26 character

Inter ---- > string

10 ‘10’

String methods

1. Count ( )
2. Ends with ()
3. Find ()
4. Format()
5. Index()
6. Is alnum()
7. Is alpha ()
8. Join()
9. Lower ()

10)Is trip()

11)replace()

12) r strip ()

13) split ()

14) starts with ()

15) strip()

16) title

17)upper()

String.py

Suresh='Python'

Durga="python's"

Madhu='''python

print(type(suresh),type(durga),type(madhu))

variable.method

* Upper and lower

Sruthi="PYTHON"

print(sruthi.lower())

Sruthi="python"

print(sruthi.upper())

* Count

James= “my fav hero is sampoo”

print(james.count("sampoo"))

* Index

James= “my fav hero is sampoo”

print(james.index("kiran"))

print(james.find("kiran"))

* Find

James= “my fav hero is sampoo”

print(james.find("kiran"))

print(james.index("kiran"))

* Starts with

james="my fav hero is sampoo"

print(james.startswith("is"))

* Ends with

james="my fav hero is sampoo"

print(james.endswith("oo"))

* Web sites

James="my fav hero is sampoo"

for i in ["abc.com","xyz.in","pythonlife.in"]

in\_websites=[]

    if i.endswith("in"):

        in\_websites.append(i)

print(in\_websites)

print(sai)

names=["sruthi","suresh","shaik","abdul","pr"]

for kiran in names:

    print("hii {} thinara?".format(kiran))

* alnum

Satya="kiran12334"

print(satya.isalpha())

d=kiran1234

strip\_cut (or) trip

d= “ this is book”

print(len(d))

d=" this is book  "

print(len(d))

s=d.strip()

print(len(s))

d= “ this is book “

s=d.lstrip()

print(len(s))

s=d.rstrip()

print(len(s))

f="na book na istam"

print(f.title())

shaik="this is is my book"

v=shaik.replace(" is"," are").replace('this',"that")

v=shaik.replace(" is"," are",1)

print(v)

* Split

d="this is string class"

f=d.split()

Print(f)

* For

d="this is string class"

f=d.split()

Print(f)

for i in f:

    if i=="is":

        i="are"

print(f)

d="this is string class"

f=d.split()

Print(f)

for i in f:

    if i=="is":

        i="are"

        n.append(i)

    else:

        n.append(i)

print(n)

* Join

d="this is string class"

print(d)

c=d.split()

print(c)

s=" ".join(c)

print(s)

* Isalpha

s="1233454"

print(s.isalpha())