

C style formatting

C language style of printing

Formatting :

Example: roll no=10
 name='Ravi'
 avg=80.2593127

Now if we want to print it as a message

print('student name is %s, his roll no is %d and avg %f' %name, roll no, avg) # this is formed string

%s for name, %d for data and integer value, %f for float value

These controlled characters are used in c and as well as python uses these control characters

IDLE

Program:

```
>>>
>>> rollno = 10
>>> name = 'Ravi'
>>> avg = 86.29714
>>>
>>> print('Student name is %s, his roll no is %d and average is %f' % (name, rollno, avg))
Student name is Ravi, his roll no is 10 and average is 86.297140
>>>
```

Counter characters	Purpose
%s	String
%d	Integer
%f	Float
%x	Hexa decimal

```
>>>
>>> rollno = 10
>>> name = 'Ravi'
>>> avg = 86.29714
>>>
>>> print('Student name is %s, his roll no is %d and average is %f' % (name, rollno, avg))
Student name is Ravi, his roll no is 10 and average is 86.297140
>>>
>>>
>>> print('Student name is %s' % name)
Student name is Ravi
>>> print('Student name is %10s' % name)
Student name is      Ravi
>>> print('roll number is %8d' % rollno)
roll number is      10
>>> print('roll number is %-8d' % rollno)
roll number is 10
>>> print('roll number is %-8d and' % rollno)
roll number is 10    and
>>> print('%2.5f' % avg)
86.29714
>>> print('%2.3f' % avg)
86.297
>>> |
```
