**30.What is python statement, Indentation and comments?**

**Objective:**

* To know about python statement, indentation and comments.

**Process:**

* **Multi-line statements**

Python interpreter can execute are called statements.

we can make a statement extend over multiple lines with the line continuation character (\).

* **Python Indentation**

Most of the programming languages like C, C++, Java use braces { } to define a block of code.

Python uses indentation.

The amount of indentation is up to you, but it must be consistent throughout that block.

Generally four white spaces are used for indentation and is preferred over tabs.

* **Python comments**

Comments are very important while writing a program.

It describes what's going on inside a program.

In Python, we use the hash (#) symbol to start writing a comment.

**Input:**

* Sample code that explained python statements, indentation and comments.

**Output:**

* Invoke python statements, indentation and comments.

**Source code:**

#line continuation character (\)

a = 10 + 20 + 30 + \

40 + 50 + 60 + \

70 + 80 + 90

print(a)

#explicit line continuation usinf (), [] and {}

b = (10 + 20 + 30 +

40 + 50 + 60 +

70 + 80 + 90)

fruits=['Apple','banana','orange']

print(b)

print(fruits)

#multiple statements in single line using (;)

c=50;d=55;e=60;

print(c,d,e)

#Python indentation example(sum of digits)

#marked area is a block of code

n=int(input("Enter the number:"))

rev=0

while(n>0):

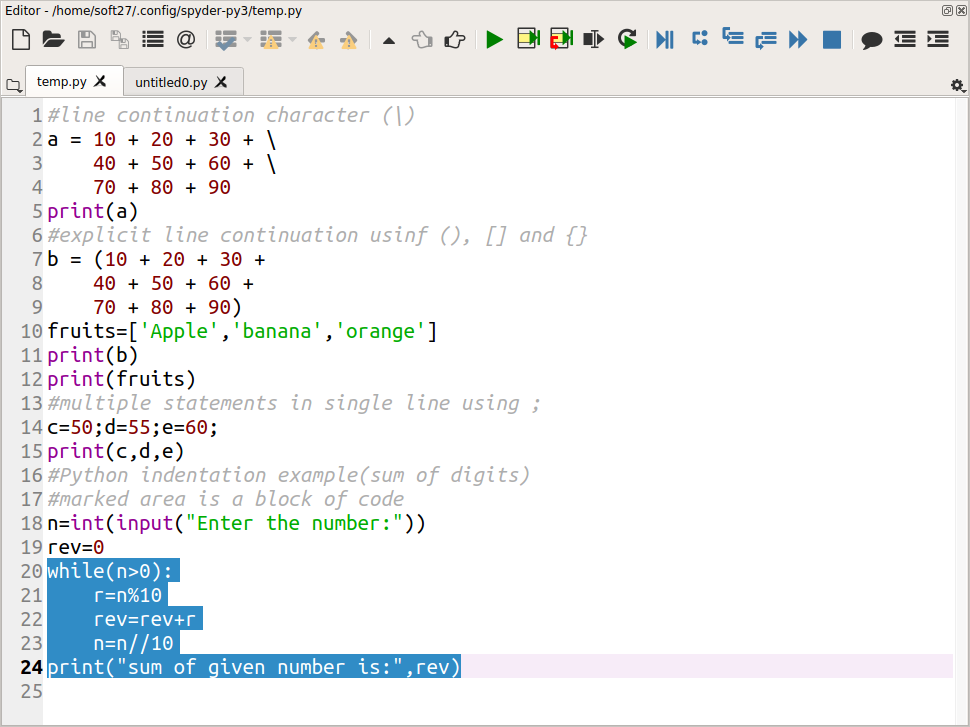
r=n%10

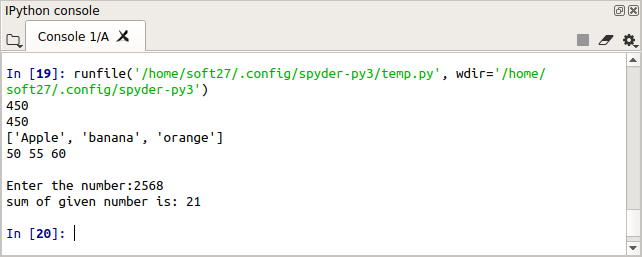
rev=rev+r

n=n//10

print("sum of given number is:",rev)

**Screen shots:**

****

****