Date : 30th May 2021

Day - 5- Report
(Work Summary)

INTERNSHIP AT AKASHTECHNOLABS

❖ Day-4 : What we learnt ?

- Brief information about OOPS,
  - class
  - Object of class (instance of class)
  - How to use method in class
  - __init__ method
  - Inheritance
- Syntax of defining class:

  class class_name:

  pass

- Syntax for object:

  Object_name = class_name()

- Syntax for Inheritance (parents-child concept):

  class SubClass(SuperClass):

  body

- Type of inheritance
  - Single level inheritance
  - Multi-level inheritance
  - Multiple inheritance
  - Hierarchical inheritance
  - Hybrid inheritance
- Polymorphism
  - Overriding method
  - Overloading method

Github Link for day5 task:

https://github.com/shanibaladhiya/AkashTechnoLab-Internship/tree/main/day4

❖Task-1:-

```
task-1
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-1.py"
Sum of 5, 4 and 8 is 17

Process finished with exit code 0
```

❖Task-2:-

```
task-2
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-2.py"
Area of the circle with radius=5 = 78.53981633974483

Process finished with exit code 0
```

❖Task-3:-

```
TASK-3 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/TASK-3.py"
a =  40
b =  50
c =  55.5
Interest of 40 , 50 and 55.5 is 1110.0

Process finished with exit code 0
```

❖Task-4:-

```
task-4 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-4.py"
enter any number:
4
square of 4 is 16

Process finished with exit code 0
```
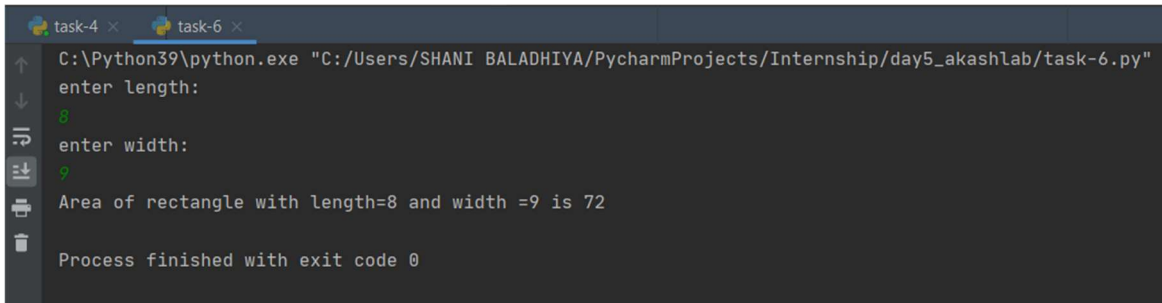
❖Task-5:-

```
task-4 ×    task-5 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-5.py"
-------Employee class display()-------
name : Shani
designation : Web Developer
-------Subclass display()---------
name : Shani
designation : Web Developer
Salary : 10000

Process finished with exit code 0
```
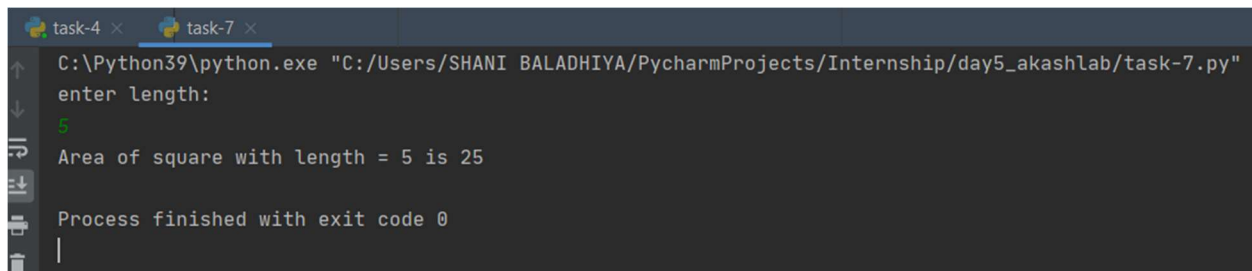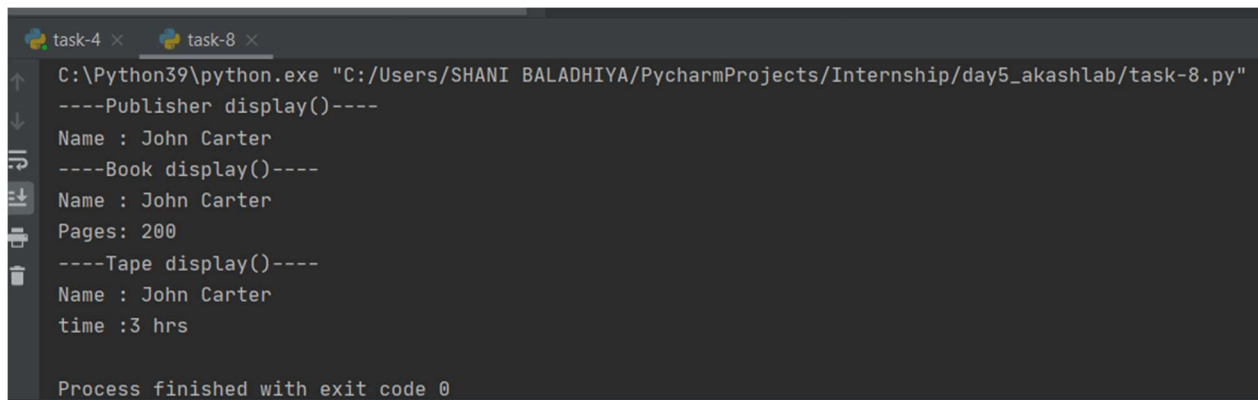
❖Task-6:-

```
task-4 ×      task-6 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-6.py"
enter length:
8
enter width:
9
Area of rectangle with length=8 and width =9 is 72

Process finished with exit code 0
```

❖Task-7:-

```
task-4 ×      task-7 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-7.py"
enter length:
5
Area of square with length = 5 is 25

Process finished with exit code 0
```

❖Task-8:-

```
task-4 ×      task-8 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-8.py"
----Publisher display()----
Name : John Carter
----Book display()----
Name : John Carter
Pages: 200
----Tape display()----
Name : John Carter
time :3 hrs

Process finished with exit code 0
```

❖Task-9:-

```
task-4 ×    task-9 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-9.py"
Scheme id       :  1
Scheme name     :  Shani
Outgoing rate   :  15.4
Message Charge  :  10000
********************************
Customer id :  2
Customer name :  Bunny
Customer mobile :  9874561230

Process finished with exit code 0
```

❖Task-10:-

```
task-4 ×    task-10 ×
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day5_akashlab/task-10.py"
enter a:
8
enter b:
5
Sum of 8 and 5 is 13
subtraction of 8 and 5 is 3
multiplication of 8 and 5 is 40

Process finished with exit code 0
```