Task foundation Workshop

Day 1 5/10/2026

Introduction to python

- What is python
- Data types
- Variables
- Calculator program
- Timer Program
- Random program
- Range
- Control statements
- Operators



Day 2 6/10/2026

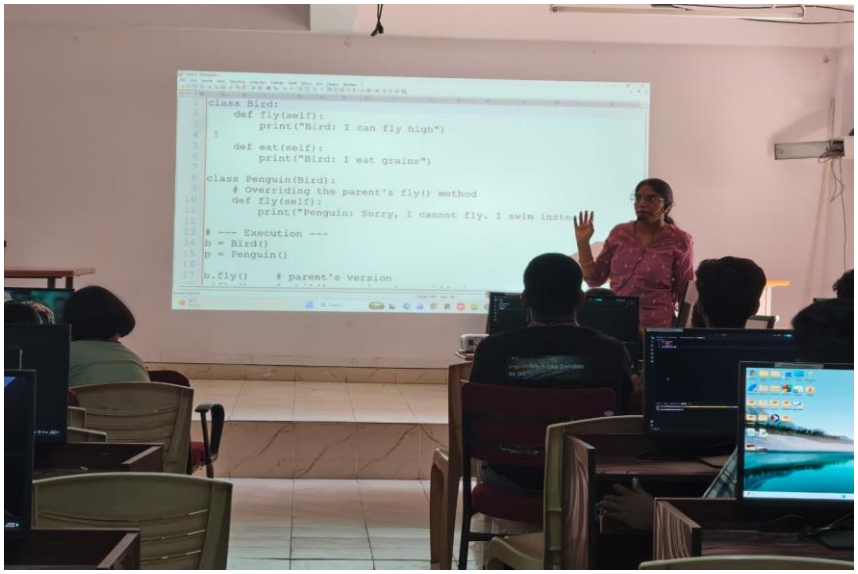
- Functions
- Lambda functions
- Return

Day 3 7/10/2026

- Oops concepts
- Encapsulation
- Constructors
- Inheritance
- Polymorphism
- Overloading
- Overriding






class Bird:
def fly(self):
print("Bird: I can fly high")
def eat(self):
print("Bird: I eat grains")
class Penguin(Bird):
# Overriding the parent's fly() method
def fly(self):
print("Penguin: Sorry, I cannot fly. I swim inste
# --- Execution ---
b = Bird()
p = Penguin()
b.fly()
# parent's version

