



Assignment – Day 15

1. Create a class ***Person*** with below details.
 - a. The class should have the following attributes:
 - i. ***name*** (string)
 - ii. ***age*** (integer)
 - iii. ***gender*** (string)
 - b. The class should have the following methods:
 - i. ***__init__()***: to initialize the attributes.
 - ii. ***introduce()***: to print a statement introducing the person.

Marks-2

2. Create a class ***BankAccount***, and implement below details.
 - a. The class should have the following attributes:
 - i. ***account_number*** (string)
 - ii. ***account_holder*** (string)
 - iii. ***balance*** (float)
 - b. The class should have the following methods:
 - i. ***__init__()***: to initialize the attributes.
 - ii. ***deposit()***: to add money to the balance.
 - iii. ***withdraw()***: to subtract money from the balance.
 - iv. ***get_balance()***: to return the current balance.

Marks-2

3. Create a class ***Circle***, and implement below details.
 - a. The class should have the following attributes:
 - i. ***x*** and ***y***: centre coordinates (x axis and y axis).
 - ii. ***radius***: the radius of the circle.
 - b. The class should have the following methods:
 - i. ***get_area()***: calculate and return the area of circle
 - ii. ***get_perimeter()***: return the perimeter of circle
 - iii. ***get_circumference()***: return *circumference* of the circle.

Marks-2