**Experiment 12**

**Aim:** Write a python program to implement User-defined modules/packages and import them in a program.

**Program:**

**Main.py**

import ABC

import XYZ

name = input("Enter employee name: ")

emp\_id = input("Enter employee ID: ")

salary = float(input("Enter employee salary: "))

XYZ.welcome(name)

ABC.calculate\_details(name, emp\_id, salary)

**ABC.py**

def calculate\_details(name, emp\_id, salary):

print("\nEmployee Details:")

print("Name:", name)

print("Employee ID:", emp\_id)

print("Base Salary:", salary)

da =(70 \* salary)/100

hra =(30 \* salary)/100

pf =(10 \* salary)/100

print("CCA: 240")

print("PT: 100")

print("DA (70%) :", da)

print("HRA (30%) :", hra)

print("PF (10%):", hra)

print("Gross Salary:", da + hra + pf )

print("Net Salary:", da+hra+pf-340)

**XYZ.py**

def welcome(name):

print("Welcome,", name,"!!")

**Output:**

Enter employee name: RS

Enter employee ID: 64

Enter employee salary: 4000

Welcome, RS !!

Employee Details:

Name: RS

Employee ID: 64

Base Salary: 4000.0

CCA: 240

PT: 100

DA (70%) : 2800.0

HRA (30%) : 1200.0

PF (10%): 1200.0

Gross Salary: 4400.0

Net Salary: 4060.0

**Conclusion:** Hence we have implemented User-defined modules/packages and imported them in a program.