**Co3 programsGraphics**areapi=3.14def area(r): print(r\*r\*pi)def perimeter(r): print(2\*pi\*r)rectangledef area(a,b): print(a\*b)def perimeter(a,b): print(2(a+b))graphics usage from graphics import areafrom graphics import rectangler=int(input("enter the radius"))area.area(r)area.perimeter(r)a=int(input("enter a value"))b=int(input("enter the value"))rectangle.area(a,b)rectangle.peremeter(a,b)outputenter the radius328.2618.84enter a valuefunctionsk=45def sum(x,y): print(x+y)def average(x,y): return((x+y)/2)def power(x,y): return(x\*\*y)namedef name(name): return nameinit\_\_init\_\_Packageusagefrom mypackage import functionsfrom mypackage import nameprint(functions.k)functions.sum(2,3)print(name.name("happy"))**output**455Happycalendarimport calendarmm=int(input("enter the month"))yy=int(input("enter the year"))print(calendar.month(yy,mm))#print(calendar.calendar(2015))Outputenter the month3enter the year2000 March 2000Mo Tu We Th Fr Sa Su 1 2 3 4 5 6 7 8 9 10 11 1213 14 15 16 17 18 1920 21 22 23 24 25 2627 28 29 30 31**Date and time**import datetime'''t=datetime.time(22,56,44)print(t)print("hour",t.hour)print("minute",t.minute)print("second",t.second)print("microsecond",t.microsecond)'''''''d=datetime.date.today()print(d)print("year",d.year)print("month",d.month)print("day",d.day)'''d1=datetime.date.today()print(d1)td=datetime.timedelta(days=2)print(td)d2=d1+tdprint(d2)**output**2021-12-202 days, 0:00:002021-12-22Mathhelp("modules")#import math#print("the value of pi is",math.pi)#import math as m#print("the value of pi is",m.pi)#from import math import pi,sqrt#print("the value of pi is",pi)#print("the square root of 4 is",sqrt(4))import mathprint(math.cos(90))print(math.sin(80))output-0.4480736161291701-0.9938886539233752**Time**import timet=time.localtime()print("time:",t)print("current year:",t.tm\_year)print("current month:",t.tm\_mon)print("current time in sec:",time.time())#print("current time:",time.ctime())print("current time after 30 sec:",time.ctime(time.time()+30))outputtime: time.struct\_time(tm\_year=2021, tm\_mon=12, tm\_mday=20, tm\_hour=12, tm\_min=6, tm\_sec=15, tm\_wday=0, tm\_yday=354, tm\_isdst=0)current year: 2021current month: 12current time in sec: 1639982175.1137094current time after 30 sec: Mon Dec 20 12:06:45 2021**statisticks modules**import statistics'''print(statistics.mean([1, 3, 5, 7, 9, 11, 13]))print(statistics.mean([1, 3, 5, 7, 9, 11]))print(statistics.mean([-11, 5.5, -3.4, 7.1, -9, 22]))''''''print(statistics.median([1, 3, 5, 7, 9, 11, 13]))print(statistics.median([1, 3, 5, 7, 9, 11]))'''**output**761.866666666666666776.0**Random modules**import random'''random.seed(10)print(random.random())print(random.getstate())mylist = ["apple", "banana", "cherry"]print(random.choice(mylist))'''print(random.uniform(20, 60))**output**choiceappleuniform55.05945432642778