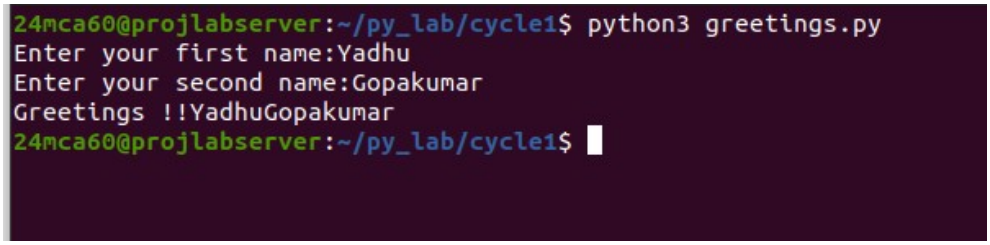
Program:

```
f_name=input("Enter your first name:")
l_name=input("Enter your second name:")

print(f"Greetings !!{f_name}{l_name}")
```

Output:

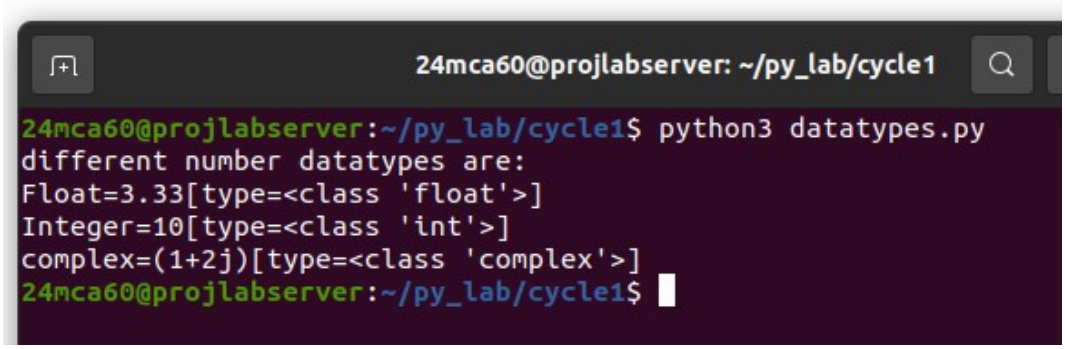


Program:

```
p_int=10
p_float=3.33
p_comp=1+2j

print("different number datatypes are:")
print(f"Float={p_float}[type={type(p_float)}]")
print(f"Integer={p_int}[type={type(p_int)}]")
print(f"complex={p_comp}[type={type(p_comp)}]")
```

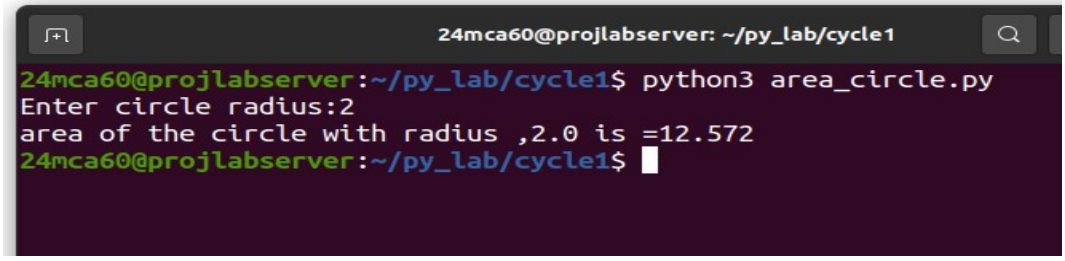
Output:



Program:

```
r=float(input("Enter circle radius:"))
if r>0:
        print(f"area of the circle with radius ,{r} is ={3.143*r*r}")
else:
        print("invalid inpu!!t")
```

Output:

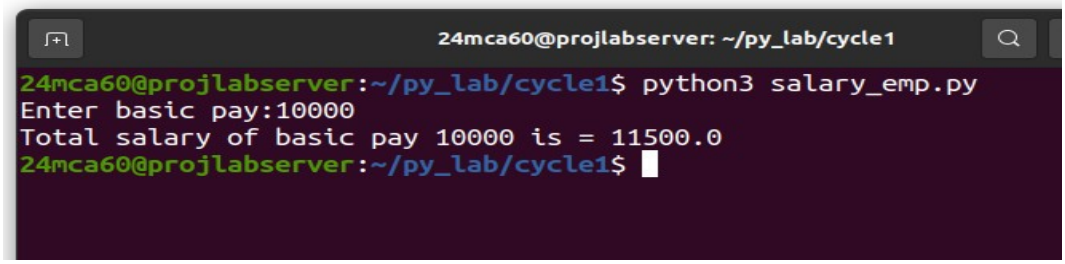


Program:

```
bp=int(input("Enter basic pay:"))

if bp<0:
    print("Invalid input!!")
else:
    HRA=bp*0.1
    TA=bp*0.05
    T_Salary=bp+HRA+TA
    print(f"Total salary of basic pay {bp} is = {T_Salary}")
```

Output:

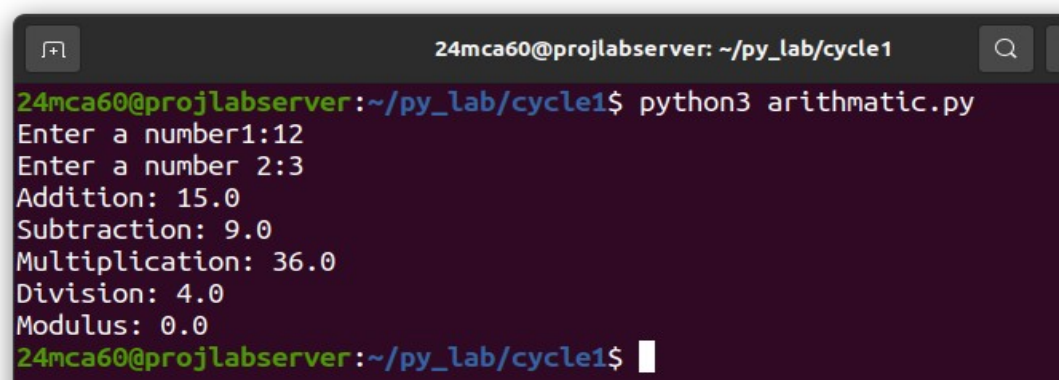


Program:

```
num1=float(input("Enter a number1:"))
num2=float(input("Enter a number 2:"))


print("Addition:",num1+num2)
print("Subtraction:",num1-num2)
print("Multiplication:",num1*num2)
print("Division:",num1/num2)
print("Modulus:",num1%num2)
```

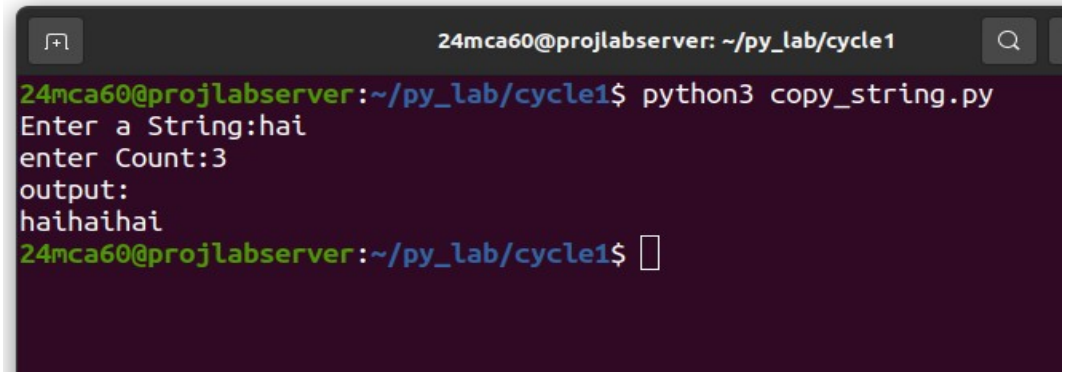
Output:



Program:

```
s=input("Enter a String:")
n=int(input("enter Count:"))
print(f"output:\n{s*n}")
```

Output:

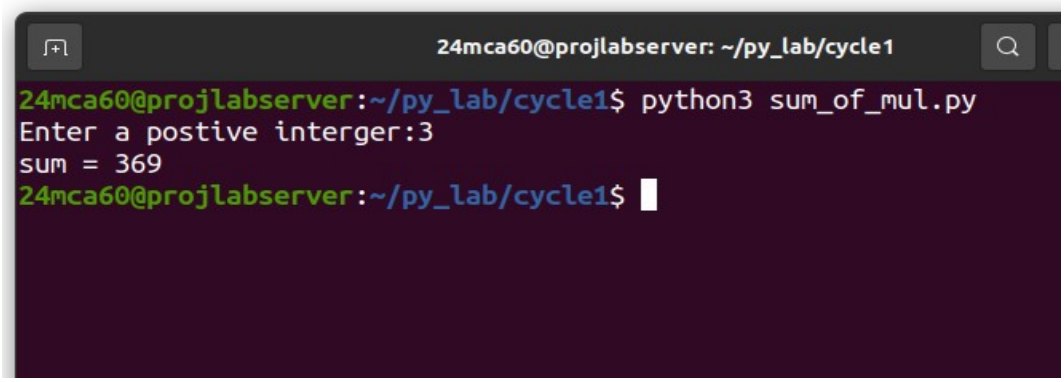


Program:

```
n=input("Enter a postive interger:")
sum=0
for i in range(1,4):
        sum=sum+int(n*i)

print(f"sum = {sum}")
```

Output:

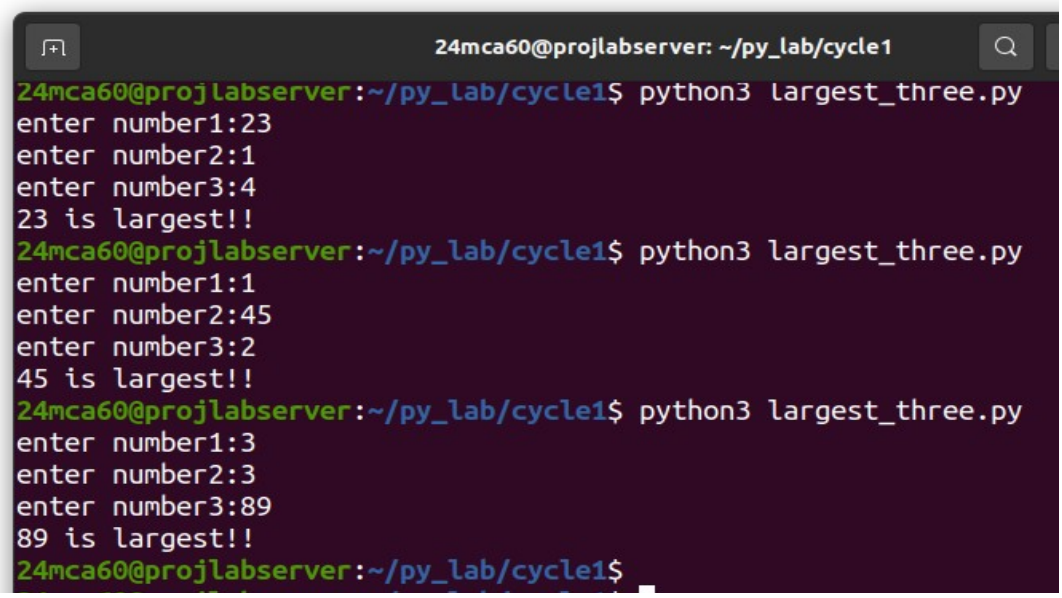


Program:

```
num1=int(input("enter number1:"))
num2=int(input("enter number2:"))
num3=int(input("enter number3:"))

if(num1>=num2) and (num1>=num3):
    print(f"{num1} is largest!!")
elif(num2>=num1) and (num2>=num3):
    print(f"{num2} is largest!!")
else:
    print(f"{num3} is largest!!")
```

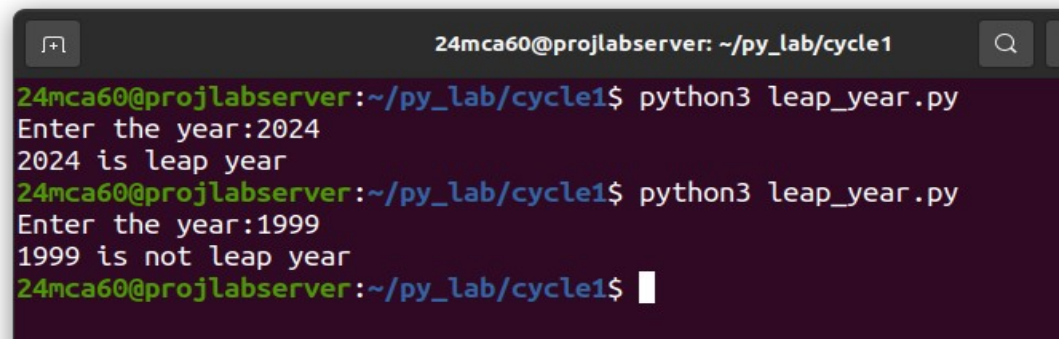
Output:



Program:

```
nyr=int(input("Enter the year:"))
if(yr>0):
        if(yr%4==0) or (yr%400==0):
                print(f"{yr} is leap year")
        else:
                print(f"{yr} is not leap year")
else:
        print("Invalid input!!")
```

Output:

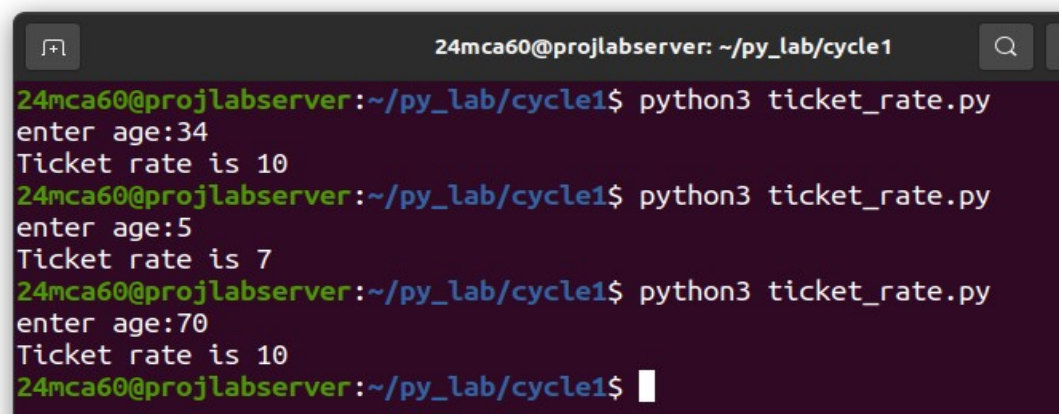


Program:

```
age=int(input("enter age:"))
if age>0:
        if age<10:
        print("Ticket rate is 7")
elif(age>=10) or (age<=60):
        print("Ticket rate is 10")
else:
        print("Ticket rate is 5")

else:
        print("Invalid age")
```

Output:



Program:

```
import cmath

print("Quadratic equation solver : ax^2 + bx + c = 0")
a=float(input("Enter coefficiant of x^2 (a):"))
b=float(input("Enter coefficiant of x (b):"))
c=float(input("Enter constant value (c):"))

d=(b**2)-(4*a*c)
sol1=(-b-cmath.sqrt(d))/(2*a)
sol2=(-b+cmath.sqrt(d))/(2*a)
print(f"solution 1: {sol1}")
print(f"solution 2: {sol2}")
```

Output: