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# 1.To check whether area of a rectangle is greater than the perimeter of a rectangle
l=5
b=10
area=l*b
perimeter=2*(l+b)
if(area>perimeter):
    print("Area is greater than Perimeter")
else:
    print("Area is less than Perimeter")

    Area is greater than Perimeter
```

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# 2.From the age of 3 people determine the oldest person among them
p1=25
p2=34
p3=45
if(p1>p2):
    if(p1>p3):
        print("First person is oldest")
    else:
        print("Third person is oldest")
elif(p2>p3):
    print("Second person is oldest")
else:
    print("Third person is oldest")

☞ Third person is oldest
```

```
# 3. Program to divide them into 3 groups, based on users age
age=int(input("Enter your age: "))
if(age<18):
    print("Minors who are not eligible to work")
elif(age>=18 and age<=60):
    print("Eligible to work")
else:
    print("Too old to work as per govt. regulations")

    Enter your age: 40
    Eligible to work
```

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# 4.Program to check whether an alphabet is a vowel or not
ch=input("Enter a character: ")
if(ch=="a" or ch=="A" or ch=="e" or ch=="E" or ch=="i" or ch=="I" or ch=="o" or ch=="O" or ch=="u" or ch=="U"):
    print("It's a Vowel")
else:
    print("It's a Consonant")

    Enter a character: k
```

It's a Consonant

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# 5. A company decided to give bonus 5% to employee if his/her year of service is more than 5
salary=float(input("Salary: "))
year=float(input("Year: "))
if(year>5):
    bonus=salary*(5/100)
    salary+=bonus
else:
    print("No bonus")
print(salary)

Salary: 102893
Year: 6
108037.65
```

✓ 9s completed at 10:41 AM

