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| Ex. No: 5-A  Date 18/01/2023 | Time into Minutes |

**Aim:**

Write a python program to convert time into minutes

**Program:**

H = int(input("Enter the in hours : "))

mn = int(input("Enter the minutes now : "))

def calc(h,mn):

hour=h\*60

m=mn

tot=hour+m

return tot

print("The minutes is : ",calc(h,mn))

**Output:**

Enter the in hours : 5

Enter the minutes now : 45

The minutes is : 345

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| Ex. No: 5-B  Date 18/01/2023 | Relationship Between two numbers |

**Aim:**

To find the relationship between two numbers ( < , > and = ) using Function

**Program:**

a=int(input("Enter a number : "))

b=int(input("Enter a number : "))

def cmp(a,b):

if(a>b):

greater=a

smaller=b

print("The value of a is greater then other")

print("The value of b is smaller then other")

return greater

elif(a==b):

print("The value of a and b are Equal")

return 0

else:

greater=b

smaller=a

print("The value of b is greater then other")

print("The value of a is smaller then other")

return greater

val=cmp(a,b)

print(val)

**Output:**

Enter a number : 5

Enter a number : 4

The value of a is greater then other

The value of b is smaller then other

Enter a number : 10

Enter a number : 10

The value of a and b are Equal

Enter a number : 5

Enter a number : 9

The value of b is greater then other

The value of a is smaller then other

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| --- | --- |
| Ex. No: 5-B  Date 18/01/2023 | Minimum of Two numbers |

**Aim:**

Define a function to find a min of two numbers

**Program:**

A = int(input("Enter a number : "))

B = int(input("Enter a number : "))

def cmp(a,b):

if(a>b):

minimum=b

return minimum

else:

minimum=a

return minimum

val=cmp(a,b)

print("Minimum value is : " ,val)

**Output:**

Enter a number : 45

Enter a number : 49

Minimum value is : 45

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| Ex. No: 5-B  Date 18/01/2023 | Area and Perimeter of the square |

**Aim:**

Print the Area and Perimeter of the square using functions

**Program:**

a=int(input("Enter the length of the side : "))

def area(a):

area=a\*\*2)

return area

def per(a):

perimeter=4\*a

return perimeter

Area=area(a)

print("Area of the square = " , Area)

Perimeter=per(a)

print("Perimeter of the square = ",Perimeter)

**Output:**

Enter the length of the side : 8

Area of the square = 64

Perimeter of the square = 32