convert km to m

```
def convert_distance(distance,unit):
    if unit=="km":
        converted_distance=distance*1000
        new_unit="m"
        return converted_distance,new_unit
    elif unit=="m":
        converted_distance=distance/1000
        new_unit="km"
        return converted_distance,new_unit
    else:
        return "Invalid input"

try:
    distance=int(input("Enter the distance: "))
    unit=input("Enter the unit as 'km'-kilometer or 'm'-meter: ")
    print(convert_distance(distance,unit))
except:
    print("invalid input")
```

find average 2

```
print("Enter the sum of n numbers and find avg")
print("Enter the number:")
a=[]
for i in range(1,6):
    n=int(input("Enter the    "+str(i)+"    number:"))
    a. append(n)
print("a=", a)
sum=0
for i in (a):
    sum=sum+i
print("The sum of a is:",sum)
avg=sum/n
print("The average is:", avg)
```

sum of natural numbers

```
print("find the sum of natural numbers? ")
n=int(input(" Enter the value of n:"))
sum=0
i=1
while i<=n:
        sum=sum+i
        i=i+1
        print(" The sum value is    ", sum)
```

odd or even number 2

```
print("enter the number:")
n=float(input())
if n%2==0:
        print("This is even number")
else:
        print("This is odd number ")
```

fibonacci series using ...

```
def fibanacci():
        fibanacci=a
        return fibanacci
n=int(input("Enter n value:"))
a=0
b=1
i=0
print("The fibanacci series is:")
while i<n:
print(fibanacci())
c=a+b
a=b
b=c
i=i+1
```

even and odd find

```
n=int(input("Enter the number: "))
even=[]
odd=[]

for i in range(1, n+1):
    if i%2==0:
        even.append(i)
    else:
        odd.append(i)
print(" The even:")
for x in even:
    print(x)

print("The odd:")
for y in odd:
    print(y)
```

sum of odd and even ...

```
n=int(input("enter the value:"))
even=[]
odd=[]
sum=0
add=0
for i in range(1, n+1):
        if i%2==0:
                sum=sum+i
        else:
                add=add+i

even. append (sum)
odd. append (add)
print("sum of even:")
print(even)

print("sum of odd:")
print(odd)
```

gcd code

```
a=int(input("a: "))
b=int(input("b: "))
rem=a%b
while rem!=0:
    a=b
    b=rem
    rem=a%b
print(" gcd of the no:", b)
```

sum of numbers

```
print ("Enter the total no. of. array:")
n=int(input())
i=0
sum=0
a=[i for i in range (n)]
for i in range(0,n):
        print("enter the element:")
        a[i]=int(input())

print("The elements in array are. ")
for i in range (0, n):
        print(a[i])
for i in range (0, n):
        sum=sum+a[i]

print (" the sum of all elements:", sum)
```

```
def is_prime(num):
    if num>1:
        for i in range(2,num):

            if num%i==0:

                return False
            return True

    else:
        return False

print("checking prime number or not")
num=int(input("Enter the number: "))
print("The given numbers is: ",is_prime(num))
```

```
n=5
x=n-1
for i in range(1, n+1) :
        print (" "*x,end="")
print (" *"*i)
x=x-1
```

pyramid

tables_ _tables_

```
print("Enter the tables no:")
n=int(input())
print("The table n is:")
for i in range(1,11):
        print(n,"x",i,"=",i*n)
```

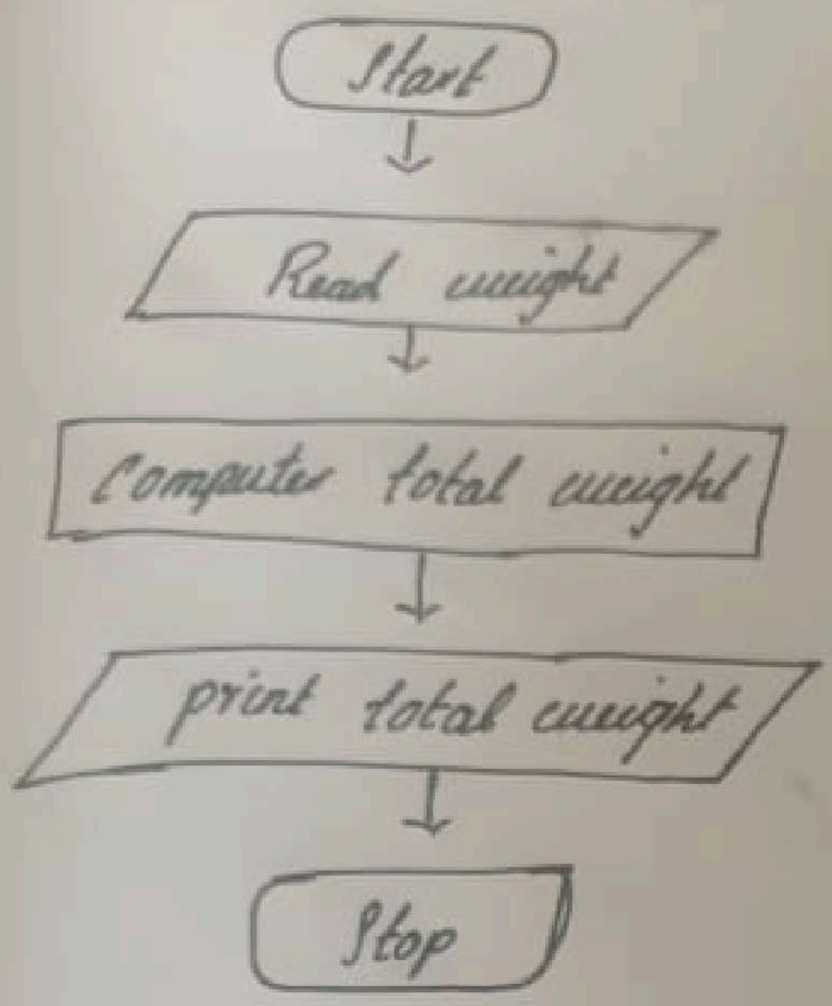
Coding Python

Nothing changed

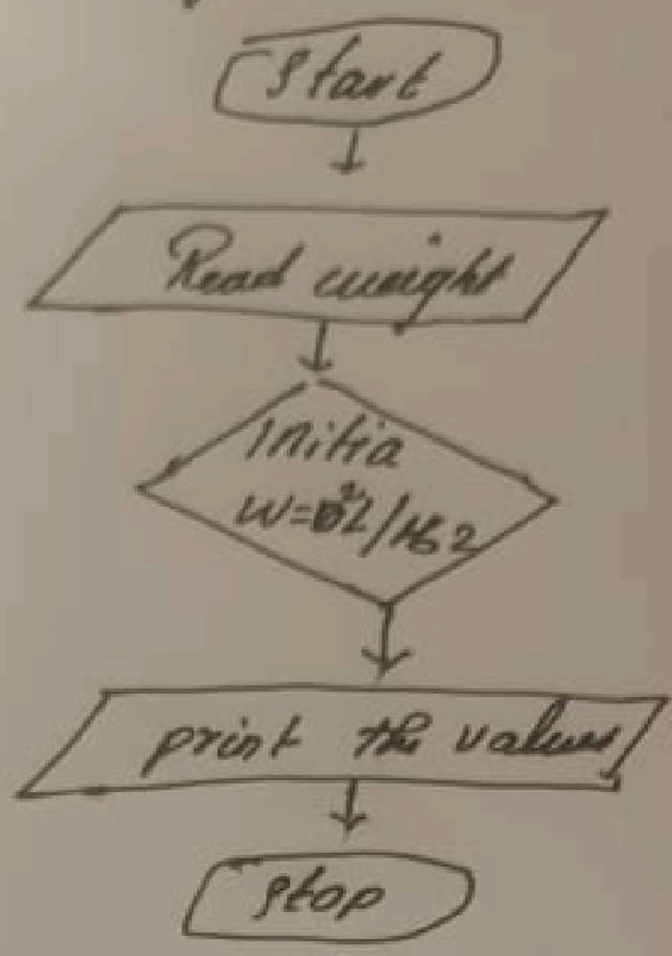
RUN MENU

```python
def celsius_to_fahrenheit(celsius):
    return (celsius * 9/5) + 32

def fahrenheit_to_celsius(fahrenheit):
    return (fahrenheit - 32) * 5/9

celsius_temp = 25
fahrenheit_temp = 77

print(f"{celsius_temp}°C is {celsius_to_fahrenheit(celsius_temp)}°F")
print(f"{fahrenheit_temp}°F is {fahrenheit_to_celsius(fahrenheit_temp)}°C")
```

1. weight of motor Steel bar



2. weight of motor Steel bar



3. Current data and time

```
from datetime import datetime
now = datetime.now()
date_and_time = now.strftime("%d-%m-%y
                %H %M %S")
print("current date and time",
                date_and_time)
```

4. Right angle triangle

```
def right_angled(a,b,c):
    if(a*a+b*b==c*c):
        return "The triangle is right-angled"
else:
    return "The triangle is not_right-angled."
```