```
print
("*************************************************************************
***************")
print('                                    @@@ Wel-Come @@@')
print('                                                    To')
print('                                           Unit Converter')
print
("*************************************************************************
***************")
print ("LENGTH CONVERSION             :1")
print ("MASS CONVERSION                 :2")
print ("TEMPERATURE CONVERSION :3")
print ("ANGLES CONVERSION             :4")
print ("AREA CONVERSION                  :5")
print ("DATA CONVERSION                  :6")
print
("*************************************************************************
***************")
choice1=int(input("Enter your choice:"))
print
("*************************************************************************
***************")
if choice1==1:
    print("************************TO
CONVERT************************\n")
    print (" milimeter   => centimeter :1")
    print (" centimeter => meter         :2")
    print (" meter         => kilometer   :3")
    print (" kilometer   => meter         :4")
    print (" meter         => centimeter :5")
    print (" centimeter => milimeter   :6")
    print
("*************************************************************************
***************")
    choice2=int(input("Enter your choice:"))
    print
("*************************************************************************
***************")
    if choice2==1:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-1)
        print(cal,"centimeters")
    elif choice2==2:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-2)
        print(cal,"meters")
    elif choice2==3:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-3)
        print(cal,"kilometers")
    elif choice2==4:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**3)
        print(cal,"meters")
    elif choice2==5:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**2)
        print(cal,"centimeters")
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    elif choice2==6:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**1)
        print(cal,"milimeters")
        print
("**************************************************************************
***************")
elif choice1==2:
    print("**********************TO  CONVERT************************\n")
    print (" miligram => gram        :1")
    print (" gram       => kilogram  :2")
    print (" kilogram => tonne       :3")
    print (" tonne      => kilogram  :4")
    print (" kilogram => gram        :5")
    print (" grma       => miligram  :6")
    print
("**************************************************************************
***************")
    choice2=int(input("Enter your choice:"))
    print
("**************************************************************************
***************")
    if choice2==1:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-3)
        print(cal,"grams")
    elif choice2==2:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-3)
        print(cal,"kilograms")
    elif choice2==3:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-3)
        print(cal,"tonne")
    elif choice2==4:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**3)
        print(cal,"kilograms")
    elif choice2==5:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**3)
        print(cal,"grams")
    elif choice2==6:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**3)
        print(cal,"miligram")
    else:
        print("wrong choice , please select appropriate option ")
elif choice1==3:
    print("**********************TO  CONVERT************************\n")
    print (" celcius      => fahrenhiet  :1")
    print (" celcius      => kelvin         :2")
    print (" kelvin        => celcius       :3")
    print (" fahrenhiet => celcius       :4")
    print
("**************************************************************************
***************")
    choice2=int(input("Enter your choice:"))
```

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    print
("*************************************************************************
***************")
    if choice2==1:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(9/5)+32
        print(cal,"fahrenhiet")
    elif choice2==2:
        mag=int(input("Enter the value which you want  :"))
        cal=mag+273.15
        print(cal,"kelvin")
    elif choice2==3:
        mag=int(input("Enter the value which you want  :"))
        cal=mag-273.15
        print(cal,"celcius")
    elif choice2==4:
        mag=int(input("Enter the value which you want  :"))
        cal=(mag-32)*5/9
        print(cal,"celcius")
    else:
        print("wrong choice , please select appropriate option ")
elif choice1==4:
    print("**********************TO  CONVERT**********************\n")
    print (" DEGREE   => MINUITES    :1")
    print (" MINUITES => SECONDS    :2")
    print (" SECONDS => MINUITES    :3")
    print (" MINUITES => DEGREE      :4")
    print
("*************************************************************************
***************")
    choice2=int(input("Enter your choice:"))
    print
("*************************************************************************
***************")
    if choice2==1:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*60
        print(cal,"minuites")
    elif choice2==2:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*60
        print(cal,"seconds")
    elif choice2==3:
        mag=int(input("Enter the value which you want  :"))
        cal=mag/60
        print(cal,"minuites")
    elif choice2==4:
        mag=int(input("Enter the value which you want  :"))
        cal=mag/60
        print(cal,"degrees")
if choice1==5:
    print("**********************TO  CONVERT**********************\n")
    print (" milimeter^2   => centimeter^2 :1")
    print (" centimeter^2 => meter^2         :2")
    print (" meter^2         => kilometer^2   :3")
    print (" kilometer^2   => meter^2         :4")
    print (" meter^2         => centimeter^2 :5")
    print (" centimeter^2 => milimeter^2   :6")
```

```
    print
("*************************************************************************
***************")
    choice2=int(input("Enter your choice:"))
    print
("*************************************************************************
***************")
    if choice2==1:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-2)
        print(cal,"centimeters^2 ")
    elif choice2==2:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-4)
        print(cal,"meters^2 ")
    elif choice2==3:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**-6)
        print(cal,"kilometers^2 ")
    elif choice2==4:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**6)
        print(cal,"meters^2 ")
    elif choice2==5:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**4)
        print(cal,"centimeters^2 ")
    elif choice2==6:
        mag=int(input("Enter the value which you want  :"))
        cal=mag*(10**2)
        print(cal,"milimeters^2 ")
        print
("*************************************************************************
***************")
    else:
        print("wrong choice , please select appropriate option ")
if choice1==6:
    print("************************TO
CONVERT************************\n")
    print ("BITS              =>  BYTES           :1")
    print ("BYTES           =>  KILOBYTES   :2")
    print ("KILOBYTES   =>  MEGABYTES :3")
    print ("MEGABYTES =>  GIGABYTES  :4")
    print ("GIGABYTES   =>  TERABYTES :5")
    print ("TERABYTES  =>  ZETABYTES  :6")
    print
("*************************************************************************
***************")
    choice2=int(input("Enter your choice:"))
    print
("*************************************************************************
***************")
    if choice2==1:
        mag=int(input("Enter the value which you want  :"))
        cal=mag/(8)
        print(cal,"Bytes")
    elif choice2==2:
        mag=int(input("Enter the value which you want  :"))
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        cal=mag/(1024)
        print(cal,"Kilobytes")
    elif choice2==3:
        mag=int(input("Enter the value which you want  :"))
        cal=mag/(1024)
        print(cal,"Megabytes")
    elif choice2==4:
        mag=int(input("Enter the value which you want  :"))
        cal=mag/(1024)
        print(cal,"Gigabytes")
    elif choice2==5:
        mag=int(input("Enter the value which you want  :"))
        cal=mag/(1024)
        print(cal,"Terabytes")
    elif choice2==6:
        mag=int(input("Enter the value which you want  :"))
        cal=mag/(1024)
        print(cal,"Zetabytes")
else:


    print("made by RAHUL,SUJAL,ATUL  \n  class : 11th B")
```