In [34]:
```
try:
    basic_salary=eval(input("enter the basic_salary:"))
    dearness_allowance=(basic_salary*40)/100
    hra=(basic_salary*20)/100
    gross_salary=basic_salary+dearness_allowance+hra
    print("the dearness allownace is:",dearness_allowance)
    print("the hra is:",hra)
    print("the gross salary is:",gross_salary)
except Exception as e:
    print(e)
```

```
enter the basic_salary:50000
the dearness allownace is: 20000.0
the hra is: 10000.0
the gross salary is: 80000.0
```

In [ ]:

In [35]:
```
try:
    KMS=eval(input("enter the distance in kms:"))
    meters=KMS*1000
    feet=KMS*3280.84
    inches=KMS*39370.1
    centimeters=KMS*100000
    print("distance in meters:",meters)
    print("distance in feet:",feet)
    print("distance in inches:",inches)
    print("distance in centimeters:",centimeters)
except Exception as e:
    print(e)
```

```
enter the distance in kms:20
distance in meters: 20000
distance in feet: 65616.8
distance in inches: 787402.0
distance in centimeters: 2000000
```

In [ ]:

In [36]:
```
try:
    s1=eval(input("enter s1:"))
    s2=eval(input("enter s2:"))
    s3=eval(input("enter s3:"))
    s4=eval(input("enter s4:"))
    s5=eval(input("enter s5:"))
    aggregate_marks=s1+s2+s3+s4+s5
    percentage= (aggregate_marks/500)*100
    print("the aggregate marks is:",aggregate_marks)
    print("the percentage is:",percentage)
except Exception as e:
    print(e)
```

```
enter s1:90
enter s2:80
enter s3:70
enter s4:85
enter s5:95
the aggregate marks is: 420
the percentage is: 84.0
```

In [ ]:
```

```

In [37]:
```
try:
    fahrenheit_degree=eval(input("enter the temperature in fahrenheit_degree:"
    centigrade_degree=(fahrenheit_degree-32) / 1.8
    print("the centigrade degree is:",centigrade_degree)
except Exception as e:
    print(e)
```

```
enter the temperature in fahrenheit_degree:50
the centigrade degree is: 10.0
```

In [ ]:
```

```

In [38]:
```
try:
    length=eval(input("enter a length of the rectangle:"))
    breadth=eval(input("enter a breadth of the rectangle:"))
    radius=eval(input("enter a radius of the circle:"))

    area_of_rectangle=length*breadth;
    perimeter_of_rectangle=2*(length+breadth);
    area_of_circle=3.14*radius*radius;
    circumference_of_circle=2*3.14*radius

    print("the area of rectangle is:",area_of_rectangle)
    print("the perimeter of rectangle is:",perimeter_of_rectangle)
    print("the area of circle is:",area_of_circle)
    print("the circumference of circle is:",circumference_of_circle)
except Exception as e:
    print(e)
```

```
enter a length of the rectangle:5
enter a breadth of the rectangle:3
enter a radius of the circle:2
the area of rectangle is: 15
the perimeter of rectangle is: 16
the area of circle is: 12.56
the circumference of circle is: 12.56
```

In [ ]:

In [39]:
```
try:
    C=eval(input("enter C:"))
    D=eval(input("enter D:"))
    C=C+D
    D=C-D
    C=C-D
    print("the value of C is:",C)
    print("the value of D is:",D)
except Exception as e:
    print(e)
```

```
enter C:5
enter D:6
the value of C is: 6
the value of D is: 5
```

In [ ]:

In [3]:
```
try:
    n=eval(input("enter a number:"))
    rev=0
    while(n>0):
        a=n%10
        rev=rev*10+a
        n=n//10
    print("the reverse number is",rev)

except Exception as e:
    print(e)
```

```
enter a number:3546
the reverse number is 6453
```

In [ ]:
```

```

In [42]:
```
try:
    number=eval(input("enter a number:"))
    number1=number%10
    number2=number//10000
    add=number1+number2
    print(add)
except Exception as e:
    print(e)
```

```
enter a number:67641
7
```

In [ ]:
```

```

In [22]:
```
try:
    total_po = 80000
    men_p = 52
    literacy_p = 48
    literacy_men_p = 35
    men_count = (men_p / 100) * total_po
    total_literate = (literacy_p / 100) * total_po
    literate_men = (literacy_men_p / 100) * total_po
    literate_women = total_literate - literate_men
    illiterate_men = men_count - literate_men
    illiterate_women = total_po - (literate_men + illiterate_men + literate_wo
    total_illiterate = illiterate_men + illiterate_women
    print("Total number of illiterate men and women:", total_illiterate)

except Exception as e:
    print(e)
```

```
Total number of illiterate men and women: 41600.0
```

In [ ]:

In [33]:
```
try:
    amt = eval (input("the amount to be withdrawn is :"))
    hundred = amt//100
    amt = amt%100
    fifty = amt//50
    amt = amt%50
    ten = amt//10
    print("No of Hundred Notes:", hundred)
    print ("No of Fifty Notes :", fifty)
    print("No of Ten notes:", ten)
except Exception as e:
    print(e)
```

```
the amount to be withdrawn is :2570
No of Hundred Notes: 25
No of Fifty Notes : 1
No of Ten notes: 2
```

In [ ]:

In [ ]: