Area of circle

In [1]:

```
radius=6
area=22/7*6*6
area
```

Out[1]:

```
113.14285714285714
```

Tax

In [2]:

```
price=85
tax=85*18/100
total=tax+price
total
```

Out[2]:

```
100.3
```

Dollars

In [3]:

```
dollar=75
rupees=3333
total_dollars=rupees//dollar
total_dollars
```

Out[3]:

```
44
```

Inflation

In [4]:

```
cost=500
inflation=7/100
cost_year_ago=cost-cost*inflation
cost_year_ago
```

Out[4]:

```
465.0
```

Welcome message

In [7]:

```
name=input("Enter you're name = ")
lang=input("Enter the language you're learning =")
print()
print("Hello I'm "+name+" and I'm learning "+lang)
```

```
Enter you're name = Praveen Kumar
Enter the language you're learning =Python

Hello I'm Praveen Kumar and I'm learning Python
```

Simple interest calculation

In [9]:

```
principal=int(input("Principal= "))
interest=int(input("interest= "))
tenure=int(input("Tenure= "))
SI=principal*tenure*intrest/100
print(SI)
```

```
Principal= 100
interest= 25
Tenure= 3
60.0
```

Compound interest calculation

In [4]:

```
principal=int(input("Principal= "))
interest=int(input("interest= "))
tenure=int(input("Tenure= "))
Amount=principal*(1+(interest/100))**tenure
CI=Amount-principal
print(CI)
```

```
Principal= 100
interest= 25
Tenure= 3
95.3125
```

Number swapping

In [16]:

```
numb1=int(input())
numb2=int(input())
print(numb1,numb2)
numb1,numb2=numb2,numb1
print(numb1,numb2)
```

```
5
6
5 6
6 5
```

Kilometer to miles

In [18]:

```
km=int(input("Enter km = "))
miles=km*0.62
print("In miles =",miles)
```

```
Enter km = 10
In miles = 6.2
```

Creating tables

In [21]:

```
number=int(input("Enter the number = "))
for i in range(1,11):
    print(number,"x",i,"=",number*i)
```

```
Enter the number = 5
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
```

In [ ]:

```

```