

# Aijun.Fan

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In [4]:

```
num1=int(100)
num2=int(29)
sum1=num1+num2
num3=sum1*3
new_num=num3*num3
print("The result of the calculation was: ", new_num)
```

The result of the calculation was: 149769

In [5]:

```
name=input("Please input your name: ")
birth=input("Please input your year of birth: ")
age=input("Please input your age: ")
pw_age=int(age)*int(age)
print("Name:", name)
print("Year of birth:", birth)
print("Age:", age)
print("Password:", str(birth[2:4])+str(name[0:3])+str(pw_age))
```

Please input your name: John  
Please input your year of birth: 1995  
Please input your age: 26  
Name: John  
Year of birth: 1995  
Age: 26  
Password: 95Joh676

In [6]:

```
num1=int(input("First number: "))
num2=int(input("Second number: "))
num3=num1%2+num2%2
if num3==0:
    print("Both numbers are even.")
elif num3==1:
    print("One of the numbers is even.")
else:
    print("Both numbers are odd.")
```

First number: 5  
Second number: 6  
One of the numbers is even.

Typesetting math: 0%

In [7]:

```
num=int(input("Give an integer:"))
n=0
sum=0
while n<num:
    sum=n+sum
    n=n+1
print("The sum was:",sum)
```

Give an integer:5

The sum was: 10

In [10]:

```
import random
guess_num1=random.randint(0,10)
guess_num2=random.randint(0,10)
n1=0
n2=0
y1=1
y2=1
while(y1):
    play1=int(input("Player1:"))
    n1=n1+1
    if play1==guess_num1:
        print("That's right! Number of tries:",n1)
        y1=0
    if play1>guess_num1:
        print("Try a smaller number.")
    if play1<guess_num1:
        print("Try a bigger number.")

while(y2):
    play2=int(input("Player2:"))
    n2=n2+1
    if play2==guess_num2:
        print("That's right! Number of tries:",n2)
        y2=0
    if play2>guess_num2:
        print("Try a smaller number.")
    if play2<guess_num2:
        print("Try a bigger number.")

if n1<n2:
    print("Winner is Play1!")
elif n1>n2:
    print("Winner is Play2!")
else:
    print("Draw Game!")
```

Player1:6  
Try a bigger number.  
Player1:8  
Try a bigger number.  
Player1:9  
Try a bigger number.  
Player1:10  
That's right! Number of tries: 4  
Player2:5  
Try a bigger number.  
Player2:8  
Try a smaller number.  
Player2:7  
That's right! Number of tries: 3  
Winner is Play2!