

assignment 2

March 17, 2022

```
[56]: num1=100
      num2=29
      num3=((num1+num2)*3)**2
      print("The relsult of the calculation was: ",num3,sep='''
            ''')
```

The relsult of the calculation was:
149769

```
[57]: print("Hello","World",sep='...',end='!!!')
```

Hello...World!!

```
[58]: name=input("name: ")
      n=name[:3]
      year=input("year: ")
      y=year[2:]
      age=input("age: ")
      age=int(age)
      a=age**2
      a=str(a)
      password="".join([y,n,a])
      print("Your password is:",password)
```

name: gong
year: 1988
age: 35
Your password is: 88gon1225

```
[59]: num1=int(input("Enter first number: "))
      num2=int(input("Enter second number: "))
      if (num1%2==0)and(num2%2==0):
          print("Both numbers are even.")
      elif (num1%2==1)and(num2%2==1):
          print("Both numbers are odd.")
      else:
          print("One of the numbers is even.")
```

Enter first number: 5
Enter second number: 6

One of the numbers is even.

```
[60]: n = int(input("Give an positive integer: "))
      sum =int(n*(n-1)/2)
      print("The sum was: ",sum)
```

Give an positive integer: 5

The sum was: 10

```
[62]: import random
      n=random.randint(0,10)
      times=1
      guess=int(input("Pls guess the number: "))
      if guess==n:
          print("That's right! Number of tries:1." )
      else:
          while(guess!=n):
              if guess<n:
                  print("Try a greater number.")
              else:
                  print("Try a smaller number.")
              guess=int(input("Player: "))
              times+=1
              if guess==n:
                  print("That's right!Number of tries: ",times)
```

Pls guess the number: 5

Try a greater number.

Player: 7

Try a greater number.

Player: 8

That's right!Number of tries: 3

```
[ ]:
```