Assignment 2

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In [1]:
```python
x = 100
y = 29
result = (x + y) * 3
exponent = result ** 2
print("The result of the caculation was:", exponent)
```

```
The result of the caculation was: 149769
```

In [3]:
```python
name = input("Name: ")
age = int(input("Age: "))
year_of_birth =int(input("Year of birth:"))
year_last_two_digits = str(year_of_birth)[-2:]
name_first_three_letters = name[:3]
Yearx2 = str(age ** 2)
password = year_last_two_digits + name_first_three_letters + Yearx2
print("Password:", password)
```

```
Name: TrangVo
Age: 34
Year of birth:1989
Password: 89Tra1156
```

In [2]:
```python
x = int(input("First number:"))
y = int(input("Second number:"))
if x % 2 == 0 and y % 2 == 0:
    print("Both numbers are even.")
elif x % 2 == 0 or y % 2 == 0:
    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.
```

In [3]:
```python
print("Give an integer: ")
x = int(input())

total = int ((x * (x + 1)) / 2)

print ("The sum was: ", total)
```

```
Give an integer:
6
The sum was:  21
```

In [ ]: