Average of three no..

```
In [5]: a=10
        b=20
        c=30
        average=(a+b+c)/3
        print(average)
        print(type(average))
```

```
20.0
<class 'float'>
```

#Multiplication of 3 no..

```
In [6]: a=10
        b=20
        c=30
        d=a*b*c
        print(d)
        print(type(d))
```

```
6000
<class 'int'>
```

Dynamic addition of 2 no...

```
In [9]: a=int(input("enter a no: "))
        b=int(input("enter a no: "))
        addition=(a+b)
        print(addition)
        print(type(addition))
```

```
enter a no: 10
enter a no: 20
30
<class 'int'>
```

Dynamic multipication of 2 no..

```
In [10]: a=int(input("enter a no: "))
         b=int(input("enter a no: "))
         multiplication=(a*b)
         print(multiplication)
         print(type(multiplication))
```

```
enter a no: 20
enter a no: 30
600
<class 'int'>
```

Dynamic add 3 no..

```
In [11]: a=int(input("enter a no: "))
         b=int(input("enter a no: "))
         c=int(input("enter a no: "))
         addition=(a+b+c)
         print(addition)
         print(type(addition))
```

```
enter a no: 20
enter a no: 10
enter a no: 20
50
<class 'int'>
```

Dynamic multi 3 no..

```
In [12]: a=int(input("enter a no: "))
         b=int(input("enter a no: "))
         c=int(input("enter a no: "))
         multi=(a*b*c)
         print(multi)
         print(type(multi))
```

```
enter a no: 10
enter a no: 10
enter a no: 10
1000
<class 'int'>
```

Dynamic avg of 3 no..

In [19]:
```python
a=int(input("enter a no: "))
b=int(input("enter a no: "))
c=int(input("enter a no: "))
avg=(a+b+c)/3
print(avg)
print(type(avg))
```

```
enter a no: 10
enter a no: 10
enter a no: 0
6.666666666666667
<class 'float'>
```

TYPE CONVERSIONS

1.INT TO FLOAT

In [23]:
```python
a=10
print(type(a))
b=float(a)
print(type(b))
```

```
<class 'int'>
<class 'float'>
```

2.float to int

In [25]:
```python
a=10.32
print(type(a))
b=int(a)
print(type(b))
print(b)
```

```
<class 'float'>
<class 'int'>
10
```

3.int to string

In [28]:
```python
a=10
print(type(a))
b=str(a)
print(type(b))
print(b)
```

```
<class 'int'>
<class 'str'>
10
```

4.float to string

In [29]:
```python
a=10.33
print(type(a))
b=str(a)
print(type(b))
print(b)
```

```
<class 'float'>
<class 'str'>
10.33
```

5.string to int

In [31]:
```python
a="10"
print(type(a))
b=int(a)
print(type(b))
print(b)
```

```
<class 'str'>
<class 'int'>
10
```

Boolean

In [40]:
```python
a=30
b=20
c=a>b
print(bool(c))
```

```
True
```

Boolean to int

In [60]:
```python
a=bool(30)
print(type(a))
b=int(a)
print(type(b))
```

```
<class 'bool'>
<class 'int'>
```

Boolean to string

In [59]:
```python
a=bool(30)
print(type(a))
b=str(a)
print(type(b))
```

```
<class 'bool'>
<class 'str'>
```

Complex

In [64]:
```python
a=5+2j
print(type(a))
b=str(a)
print(type(b))
```

```
<class 'complex'>
<class 'str'>
```

if

In [8]:
```python
a=20
if a>=18:
    print("eligible for voting!")
else:
    print("not eligible for voting!")
```

```
eligible for voting!
```

find the greatet of 3 numbers

In [18]:
```python
num1=float(input("enter first number:"))
num2=float(input("enter second number:"))
num3=float(input("enter third number:"))
if (num1>num2) and (num1>num3):
    largest=num1
elif (num2>num1) and (num2>num3):
    largest=num2
else:
    largest=num3
print("the largest numbers is:",largest)
```

```
enter first number:15
enter second number:16
enter third number:17
the largest numbers is: 17.0
```

subject marks

In [ ]:

print even numbers 1 to 100 series

In [23]:
```python
for i in range(1,100,2):
    print(i+1)
```

2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
72
74
76
78
80
82
84
86
88
90
92
94
96
98
100

print odd numbers 1 to 100 series

In [24]:
```python
for i in range(1,100,2):
    print(i)
```

1
3
5
7
9
11
13
15
17
19
21
23
25
27
29
31
33
35
37
39
41
43
45
47
49
51
53
55
57
59
61
63
65
67
69
71
73
75
77
79
81
83
85
87
89
91
93
95
97
99

In [ ]: