Challenge1: Add 2 numbers taken as input from user

```python
# Challenge 1: Take 2 numbers from usr and add them

x = int(input())
y = int(input())

add = x + y

print(add)
print(type(add))
```

```
 5
 3

8
<class 'int'>
```

Challenge 2: Take 2 float numbers and add them

```python
## Challenge 2: Take 2 float numbers and add them

x = float(input())
y = float(input())

add = x + y

print(add)
print(type(add))
```

```
 2.3
 3.1

5.4
<class 'float'>
```

Float typecasting

```python
x = int(5.4)

#y = int("5.4")

# z = float("5.4")

# a = int("5")

# print(x)
# print(z)
# print(a)
```

```python
# b = int(float("5.4"))
# print(b)

c = float("5")
print(c)

5.0
```

Challenge 3: The datee challenge in rainy season

```python
## Challenge 3: The datee challenge in rainy season

weather = input()

if weather == "rainy":
    print("Take umbrella")
    print("This is between if and else without indentation")

else:
    print("Take sunglasses")
    print("This is another print statement")



## Comparison operator: ==, >=, <=, !=, >, <

# print(4 == 4)
# print(5 > 3)
# print(5 != 4)

  rainy

Take umbrella
This is between if and else without indentation
```

Challenge 4: Take two input from user and print larger.

```python
## Challenge 4: Take two input from user and print larger.

x = int(input())
y = int(input())


if x > y:
    print("Hello")
    # It will be executed if x > y
    print(x, "x, Is greater")
```

```python
else:
    # It will be executed if y is larger
    print(y, " y, Is greater")

print(3 > 3)
```

```
 2
 3

3  y, Is greater
False
```

Challenge 5: Given a number find if it is +ve, -ve or 0

```python
# Challenge 5: Given a number find if it is +ve, -ve or 0

x = int(input())

# if x > 0:
#    print("positive")

# else:
# if x < 0:
#     print("Negative")
# else:
#     print(0)

if x > 0:
    print("Positive")

elif x < 0:
    print("Negative")

else:
    print(0)
```

```
 3

Positive
```