```python
#1
subject1 = int(66)
subject2 = int(77)
subject3 = int(88)
subject4 = int(99)
subject5 = int(55)
sum_avg = (subject1+subject2+subject3+subject4+subject5)/5
print('The average of subject' ,sum_avg)
```

The average of subject 77.0

```python
# 2
Celsius = 30
fahrenheit = (Celsius*9/5) + 32
print('After change from celsius to fahrenheit' ,fahrenheit)
```

After change from celsius to fahrenheit 86.0

```python
# 3
a = 150
b = 270
temp = a
a = b
b = temp
print(a)
print(b)
```

270
150

```python
#4
n = 256
last_digit = int(repr(n)[-1])
print("The last digit number" ,last_digit)
```

The last digit number 6

```python
#5
# take input from user
num1 = int(input("Enter the first number: "))
num2 = int(input("Enter the second number: "))

# display the original values
print("Original values:")
print("num1 =", num1)
print("num2 =", num2)

# exchange the values using bitwise operators
num1 = num1 ^ num2
num2 = num1 ^ num2
num1 = num1 ^ num2
```

```python
# display the exchanged values
print("Exchanged values:")
print("num1 =", num1)
print("num2 =", num2)
```

```
Enter the first number: 150
Enter the second number: 270
Original values:
num1 = 150
num2 = 270
Exchanged values:
num1 = 270
num2 = 150
```

```python
#6
num = int(input("Enter your number"))
if (num % 2) == 0:
    print("The number is even")
else:
    print("The number is odd")
```

```
Enter your number100
The number is even
```

```python
#7
num = int(input("Enter your number"))
if (num % 5) == 0:
 print("The number is divisible by 5")
else:
    print("The number is not divisible by 5")
```

```
Enter your number255
The number is divisible by 5
```