

DATE..5 Nov. 23

EXP. No. 12

Activity 12 Create a function max. If there that takes three numbers as arguments and Returns the target of them and also create a parameter function that checks whether the given number is armstrong or not.

```
def max_of_three (num1, num2, num3)
    return max (num1, num2, num3)
```

```
def is_armstrong - number (number):
```

```
    num = number
```

```
    len (num - str)
```

```
    sum = sum (int (digit) ** num - digit for
```

```
    num - str)
```

```
    armstrong - sum = number
```

Enter first number: 152

Enter second number: 72

Enter third number: 255

The maximum of 152, 72, 255 is: 255

Enter number to check Armstrong number: 153

153 is Armstrong: True

num = 152

maximum = max_of_three (num1, num2, num3)

print (f"maximum of {num1}, {num2}, {num3} is: {maximum}")

armstrong - num = 152

non-armstrong - num = 123

print (f"{armstrong - num} is Armstrong: {is_armstrong - number (armstrong - number)}")

print (f"{non-armstrong - num} is Armstrong: {is_armstrong - number (non-armstrong - number)}")

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