

```
In [ ]: ► # Welcome to Jupyter!
```

```
In [ ]: ► # Program to check for a Buzz Number.
# Buzz number – a number which ends with 7 or is divisible

a = float(input('Enter a number ='))

if (a%7==0 and a%10==7):
    print('It is a Buzz number.')
else :
    print('It is not a Buzz number. ')
```

```
In [ ]: ► # Program to calculate area of rectangle or square according to choice

l= float(input('Enter the Length of the Rectangle ='))
b = float(input('Enter the breadth of the Rectangle ='))
s = float(input('Enter the Side of the Square ='))
num = str(input('Enter 1 for Area of Rectangle or 2 for Area of Square ='))

if num=='1':
    x=l*b
    print(x,'is the Area of the Rectangle.')
elif num == '2':
    y=s*s
    print(y,'is the Area of the Square.')
else :
    print('Enter a valid Number.')
```

```
In [ ]: ► # Program to calculate if a number is divisible by 10 or not

a = float(input('Enter a number ='))

if a%10==0 :
    print('The number is divisible by 10.')
else :
    print('The number is not divisible by 10.')
```

```
In [ ]: ► # Printing 'Shanti Asiatic School' five times.

a= 'Shanti Asiatic School '
c = a*5
print(c)
```

```
In [ ]: ► # Program to check if a character is in lowercase or UPPERCASE

ch = str(input('Enter a Character ='))

if(ch>='A'and ch<='Z'):
    print('The given character is in UPPERCASE.')
elif (ch>='a'and ch<='z'):
    print('The given character is in lowercase.')
else :
    print('The character is invalid.')
```

```
In [ ]: ► # Program to check if a number is positive or negative.

a = float(input('Enter a number = '))

if a>0 :
    print('The number is a positive number.')
elif a<0 :
    print('The number is a negative number.')
else :
    print('The number is Zero.')
```

```
In [ ]: ► # Program to calculate the amount which needs to be paid for

a = float(input('Enter the weight of the parcel ='))

if a<=10 :
    print('You have to pay Rs.',a*15)
elif a<30 and a>10 :
    print('You have to pay Rs.',a*25)
else :
    print('You have to pay Rs.',a*35)
```

```
In [ ]: ► # Program to print Table of any number.

a= int(input('Enter a number ='))

for i in range(a,a*11,a):
    print(i)
```

```
In [ ]: ► # Program to calculate the sum of all the even numbers betw

a= int(input('Enter a number ='))
b = int(input('Enter the second number ='))
total = 0

for number in range (a,b+1):
    if(number%2==0):
        print(number)
        total = total+number

print('The sum of all th even numbers is =',total)
```

```
In [ ]: ► # Program to print odd numbers between 1 to 30.

a = 1
b = 30

for i in range(a,b,2):
    print(i)
```

```
In [ ]: ► #program to print numbers 56,22,67,51,64.

for i in (56,22,67,51,64):
    print(i)
```