

Conversion app

In [2]:

```
def conversion_app():

    print("""Types of conversions:
    1)Character to ASCII
    2)Celsius to Fahrenheit
    3)Number to Factorial
    4)Degree to Radians
    5)Radians to Degree""")

    choice=int(input("Enter your choice = "))
    if(choice==1):
        char=input("Enter the character for ASCII = ")
        print("ASCII of {0} is {1}".format(char,ord(char)))
        print()
        conversion_app()
    elif(choice==2):
        val=int(input("Enter the value you want to convert to Fahrenheit = "))
        print("Fahrenheit = {0}°F".format((val*9/5)+32))
        print()
        conversion_app()
    elif(choice==3):
        fact=1
        num=int(input("Enter the number to find factorial = "))
        for i in range(1,num+1):
            fact*=i
        print("Factorial of {0} is {1}".format(num,fact))
        print()
        conversion_app()
    elif(choice==4):
        deg=int(input("Enter value you want to change to radians = "))
        print("Radians = {0} Radians".format(0.0174533*deg))
        print()
        conversion_app()
    elif(choice==5):
        rad=int(input("Enter value you want to change to degree = "))
        print("Radians = {0}°".format(rad*57.2958))
        print()
        conversion_app()
    else:
        print()
        print()
        return "Thanks for using our app"
```

In [3]:

```
conversion_app()
```

Types of conversions:

- 1)Character to ASCII
- 2)Celsius to Fahrenheit
- 3)Number to Factorial
- 4)Degree to Radians
- 5)Radians to Degree

Enter your choice = 1

Enter the character for ASCII = P

ASCII of P is 80

Types of conversions:

- 1)Character to ASCII
- 2)Celsius to Fahrenheit
- 3)Number to Factorial
- 4)Degree to Radians
- 5)Radians to Degree

Enter your choice = 2

Enter the value you want to convert to Fahrenheit = 17

Fahrenheit = 62.6°F

Types of conversions:

- 1)Character to ASCII
- 2)Celsius to Fahrenheit
- 3)Number to Factorial
- 4)Degree to Radians
- 5)Radians to Degree

Enter your choice = 3

Enter the number to find factorial = 10

Factorial of 10 is 3628800

Types of conversions:

- 1)Character to ASCII
- 2)Celsius to Fahrenheit
- 3)Number to Factorial
- 4)Degree to Radians
- 5)Radians to Degree

Enter your choice = 4

Enter value you want to change to radians = 360

Radians = 6.283185307179586 Radians

Types of conversions:

- 1)Character to ASCII
- 2)Celsius to Fahrenheit
- 3)Number to Factorial
- 4)Degree to Radians
- 5)Radians to Degree

Enter your choice = 5

Enter value you want to change to degree = 5

Radians = 286.479°

Types of conversions:

- 1)Character to ASCII
- 2)Celsius to Fahrenheit
- 3)Number to Factorial
- 4)Degree to Radians
- 5)Radians to Degree

Enter your choice = 6