

### Python 3 Program to convert decimal to BCD

```
def dec2BCD(n):
    digits = ['0000', '0001', '0010', '0011', '0100', '0101', '0110',
              '0111', '1000', '1001']
    if n == 0:
        return '0000'
    bcd = ''
    while n != 0:
        i = int(n%10)
        bcd = digits[i] + bcd
        n = int(n/10)
    return bcd
```

#### *# driver function*

```
n = int(input('Enter Number: '))
print(str(n), 'in BCD is', dec2BCD(n))
```

#### **Input:**

Enter Number: 6514

#### **Output:**

6514 in BCD is 0110010100010100