binary to hexadecimal converter.py - C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to hexadecimal converter.py (3.11.1)

File Edit Format Run Options Window Help

```
print("Enter the Binary Number: ", end="")
bnum = int(input())

h = 0
m = 1
chk = 1
i = 0
hnum = []
while bnum!=0:
    rem = bnum%10
    h = h + (rem*m)
    if chk%4==0:
        if h<10:
            hnum.insert(i, chr(h+48))
        else:
            hnum.insert(i, chr(h+55))
        m = 1
        h = 0
        chk = 1
        i = i+1
    else:
        m = m*2
        chk = chk+1
    bnum = int(bnum/10)

if chk!=1:
    hnum.insert(i, chr(h+48))
if chk==1:
    i = i-1

print("Equivalent Hexadecimal Value = ", end="")
while i>=0:
    print(end=hnum[i])
    i = i-1
```

IDLE Shell 3.11.1

File Edit Shell Debug Options Window Help

```
Python 3.11.1 (tags/v3.11.1:a7a450f, Dec  6 2022, 19:58:39) [MSC v.1934 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to hexa
decimal converter.py
Enter the Binary Number: 1010
Equivalent Hexadecimal Value = A
>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to hexa
decimal converter.py
Enter the Binary Number: 1111
Equivalent Hexadecimal Value = F
>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to hexa
decimal converter.py
Enter the Binary Number: 101101
Equivalent Hexadecimal Value = 2D
>>>
```