

```
conversion_table = ['0', '1', '2', '3', '4', '5', '6', '7', '8', '9', 'A', 'B', 'C', 'D', 'E', 'F']
```

```
decimal = int(input("Enter a number: "))
hexadecimal = ''
```

```
while(decimal>0):
    remainder = decimal%16
    hexadecimal = conversion_table[remainder]+ hexadecimal
    decimal = decimal//16
```

```
print("Hexadecimal: ",hexadecimal)
```

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/Decimal to hex
a decimal converter.py
Enter a number: 75
Hexadecimal: 4B
```

```
>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/Decimal to hex
a decimal converter.py
Enter a number: 100
Hexadecimal: 64
```

```
>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/Decimal to hex
a decimal converter.py
Enter a number: 150
Hexadecimal: 96
```

```
>>>
```