

21. Write a program to convert Decimal number to Binary number using any high level language.

Program::

```
n=int(input("enter decimal:"))
```

```
sum=0
```

```
m=0
```

```
while n>0:
```

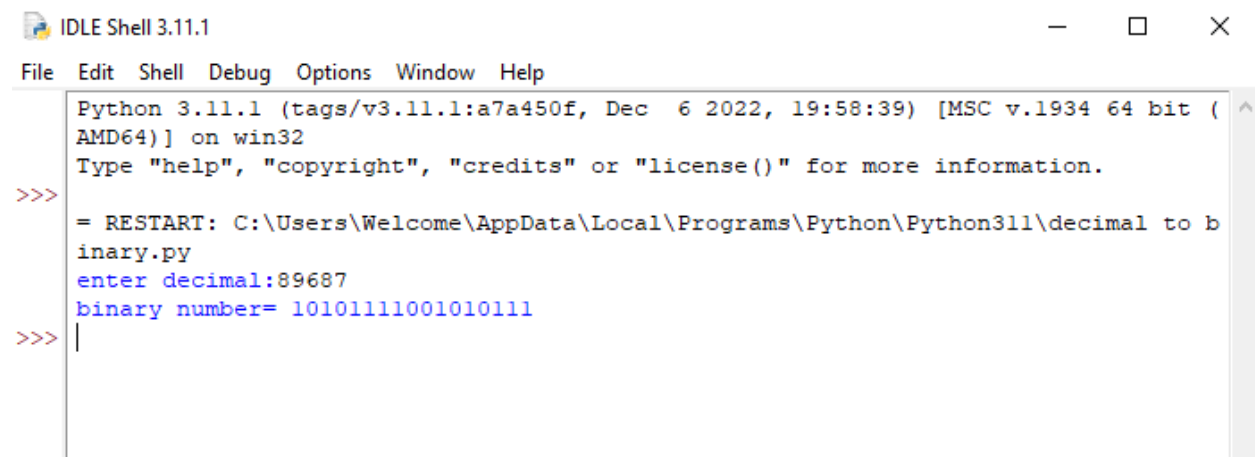
```
    sum+=((n%2)*(10**m))
```

```
    n=int(n/2)
```

```
    m+=1
```

```
print("binary number=",sum)
```

OUTPUT::



The screenshot shows a Python IDLE Shell window titled "IDLE Shell 3.11.1". The window has a menu bar with "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The shell displays the following text:

```
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\Welcome\AppData\Local\Programs\Python\Python311\decimal to binary.py
enter decimal:89687
binary number= 10101111001010111
>>> |
```