```
File  Edit  Shell  Debug  Options  Window  Help
Python 3.13.0rc2 (tags/v3.13.0rc2:ec61006, Sep  6 2024, 22:13:49) [MSC v.1940 64
 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Keval Doshi\Desktop\Study materials\CODING\Python\pyhton\mod
_1\5.2.py
Name:- Keval Doshi
Sap Id:- 53013240009
Even number between 1 and 20
2 4 6 8 10 12 14 16 18 20
Odd number between 1 and 20
1 3 5 7 9 11 13 15 17 19
>>>
```

```
File  Edit  Shell  Debug  Options  Window  Help
Python 3.13.0rc2 (tags/v3.13.0rc2:ec61006, Sep  6 2024, 22:13:49) [MSC v.1940 64
 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Keval Doshi\Desktop\Study materials\CODING\Python\pyhton\mod
_1\5.1.py
Name:- Keval Doshi
Sap Id:- 53013240009
Number divisible by 7 between 1 and 50 (stops if number is greater than 40):
7
14
21
28
35
Number needed 40, breaking the loop.
>>>
```

```
File  Edit  Shell  Debug  Options  Window  Help
Python 3.13.0rc2 (tags/v3.13.0rc2:ec61006, Sep  6 2024, 22:13:49) [MSC v.1940 64
 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Keval Doshi\Desktop\Study materials\CODING\Python\pyhton\mod
_1\4.1.py
Name:- Keval Doshi
Sap Id:- 53013240009
Enter 1st number to GCD: 70
Enter 2nd number to GCD: 45
The GCD of 70 and 45 is 5 and LCM is 630
>>>
```

```
File  Edit  Shell  Debug  Options  Window  Help
Python 3.13.0rc2 (tags/v3.13.0rc2:ec61006, Sep  6 2024, 22:13:49) [MSC v.1940 64
 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Keval Doshi\Desktop\Study materials\CODING\Python\pyhton\mod
_1\3.2.py
Name:- Keval Doshi
Sap Id:- 53013240009
Enter an octal number: 218
The decimal equivalent of 218 is 144
>>>
```

```
File  Edit  Shell  Debug  Options  Window  Help
Python 3.13.0rc2 (tags/v3.13.0rc2:ec61006, Sep  6 2024, 22:13:49) [MSC v.1940 64
 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Keval Doshi\Desktop\Study materials\CODING\Python\pyhton\mod
_1\3.1.py
Name:- Keval Doshi
Sap Id:- 53013240009
Enter a binary number: 11101010100
The decimal equivalent of 11101010100 is 1876
>>>
```