


```
In [2]: tables=int(input("Enter the tables"))  
  
for table in range(2,tables+1):  
    for num in range(1,11):  
        print(f"{table} * {num} = {table*num}")
```

Enter the tables5

```
2 * 1 = 2
2 * 2 = 4
2 * 3 = 6
2 * 4 = 8
2 * 5 = 10
2 * 6 = 12
2 * 7 = 14
2 * 8 = 16
2 * 9 = 18
2 * 10 = 20
3 * 1 = 3
3 * 2 = 6
3 * 3 = 9
3 * 4 = 12
3 * 5 = 15
3 * 6 = 18
3 * 7 = 21
3 * 8 = 24
3 * 9 = 27
3 * 10 = 30
4 * 1 = 4
4 * 2 = 8
4 * 3 = 12
4 * 4 = 16
4 * 5 = 20
4 * 6 = 24
4 * 7 = 28
4 * 8 = 32
4 * 9 = 36
4 * 10 = 40
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50
6 * 1 = 6
6 * 2 = 12
6 * 3 = 18
6 * 4 = 24
6 * 5 = 30
6 * 6 = 36
6 * 7 = 42
6 * 8 = 48
6 * 9 = 54
6 * 10 = 60
```

type casting

```
In [3]: userInput=input("Enter value")
```

```
type(userinput)
```

Enter value5

```
Out[3]: str
```

```
In [7]: float(8)
```

```
Out[7]: 8.0
```

```
In [5]: type(5)
```

```
Out[5]: int
```

```
In [6]: type(2.3)
```

```
Out[6]: float
```

```
In [8]: int(8.0)
```

```
Out[8]: 8
```

CHANGING CASE

```
In [9]: # THERE ARE THREE TYPE OF CASE ;LOWER,UPPER,TITLE FUNCTIONS
```

CHANGINH CASE OF STRING

```
In [10]: name="RANA SAEED FROM DISTRICT LODHRAN"
```

lower case

```
In [11]: print(name.lower())
```

rana saeed from district lodhran

upper case

```
In [12]: name
```

```
Out[12]: 'RANA SAEED FROM DISTRICT LODHRAN'
```

```
In [13]: print(name.upper())
```

RANA SAEED FROM DISTRICT LODHRAN

title case

```
In [14]: name
```

```
Out[14]: 'RANA SAEED FROM DISTRICT LODHRAN'
```

```
In [15]: print(name.title())
```

Rana Saeed From District Lodhran

print table

```
In [17]: table=int(input("Enter value"))

for num in range(1,11):
    print(f"{table} * {num} = {table*num}")
```

Enter value5

5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50

```
In [ ]:
```