```
In [3]: number=input("enter the number: ")
        number=int(number)
        if number%2==0:
            print('the number is even number')
        else:
            print('the number is odd number ')

        enter the number: 10
        the number is even number
```

```
In [15]: 4==4
```
Out[15]: True

```
In [16]: 4!=5
```
Out[16]: True

```
In [17]: 4!=4
```
Out[17]: False

```
In [4]: number=input("enter the number: ")
        number=int(number)
        if number%2==0:
            print('the number is even number')
        else:
            print('the number is odd number ')

        enter the number: 11
        the number is odd number
```

```
In [38]: salary=int(input('enter thre salary:'))
         if salary>=50000:
             print('sorry! no coupons for you')
         else:
             print('congragualtion! urs coupuns code is rx100')

         enter thre salary:12000
         congragualtion! urs coupuns code is rx100
```

```
In [11]: salary=int(input('enter thre salary:'))
         if salary>=50000:
             print('sorry! no coupons for you')
         else:
             print('congragualtion! urs coupuns code is rx100')

         enter thre salary:25000
         congragualtion! urs coupuns code is rx100
```

```
In [31]: india=['briyani','poori','idly']
         chinese=['eggrole','friedrice']
         italian=['pasta','pizza','risotto']
         dish=input("enter the dish name:")
         if dish in india:
             print('it is indian cusine')
         elif dish in chinese:
             print('it is chinese cusine')
         elif dish in italian:
             print("it is italian cusine")
         else:
             print('it is not a indian or chinese or italian')

         enter the dish name:eggrole
         it is chinese cusine
```

```
In [46]: tenthmark=int(input('enter thre tenthmark:'))
         twelethmark=int(input('enter the twelete mark'))
         if ((tenthmark/5)>75 and (twelethmark/12)>65):
             print('you haves scholarship')
         else:
             print('no scholarship')

         enter thre tenthmark:450
         enter the twelete mark600
         no scholarship
```

```
In [ ]:
```