

```
if True:
    print('hi')
```

hi

```
if True:
    print('hi')
```

```
Cell In[2], line 2
    print('hi')
    ^
```

IndentationError: expected an indented block after 'if' statement on line 1

```
if False:
    print('hello')
```

if True: print('hi Dnesh') print('how are you')

```
if False:
    print('hello dinesh')
```

```
print('how are you')
```

how are you

```
if True:
    print('helo dinesh')
```

```
print('how are you')
```

helo dinesh  
how are you

```
if True:
    print('hello hi')
```

```
else:
    print('bye bye')
```

hello hi

```
if False:
    print('hello hi')
```

```
else:
    print('bye bye')
```

bye bye

write python code to check wheater number is even or odd

```
x = 4
r = x % 2
if r == 0:
    print('even number')
```

even number

```
x = 6
r = x % 2
if r == 0:
    print('even number')
```

even number

```
x = 5
r = x % 2
if r == 0:
    print('even number')
```

```
x = 4
r = x % 2
if r == 0:
    print('even number')
if r == 1:
    print('odd number')
```

even number

```
x = 3
r = x % 2
if r == 0:
    print('even number')
if r == 1:
    print('odd number')
```

odd number

```
x = 7
r = x % 2
if r == 0:
    print('even number')
else:
    print('odd number')
```

odd number

```
x = 4
r = x % 2
```

```
if r == 0:
    print('even number')
    print('odd number')
```

even number

odd number

```
x = 10
r = x % 2
if r == 0:
    print('even number')
if r == 1:
    print('odd number')
```

even number

```
x = 3
r = x % 2
if r == 0:
    print('even number')
if r != 0:
    print('odd number')
```

odd number

#nested if

```
x = 6
r = x % 2
if r == 0:
    print('even number')
    if x>5:
        print('greater number')
else:
    print('odd number')
```

even number

greater number

```
x = 2
r = x % 2
if r == 0:
    print('even number')
    if x>5:
        print('greater number')
else:
    print('odd number')
```

even number

```
x = 4
if x == 1:
    print('one')
if x == 2:
    print('two')
if x == 3:
    print('three')
if x == 4:
    print('four')
```

four

```
x = 2

if x == 1:
    print('one')
elif x == 2:
    print('Two')
elif x == 3:
    print('Three')
elif x == 4:
    print('four')
```

Two

```
x = 4

if x == 1:
    print('one')
elif x == 2:
    print('Two')
elif x == 3:
    print('Three')
elif x == 4:
    print('four')
```

four

```
x = 10

if x == 1:
    print('one')
elif x == 2:
    print('Two')
elif x == 3:
    print('Three')
elif x == 4:
    print('four')
```

```
x = 10
if x == 1:
```

```
    print('one')
elif x == 2:
    print('two')
elif x == 3:
    print('three')
else:
    print('number not found')

number not found

num = int(input("enter the number"))
if num > 0:
    print("positive")
elif num < 0:
    print("negative")
else:
    print("zero")

enter the number 00

zero
```