

```
In [1]: if(age==18)
        print("Adult")

Cell In[1], line 1
      if(age==18)
          ^
SyntaxError: expected ':'
```

```
In [ ]: if(age==18):
        print("Adult")
```

```
In [2]: if(age==18):
        print("Adult")
```

```
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-
NameError                                Traceback (most recent call las
t)
Cell In[2], line 1
----> 1 if(age==18):
      2     print("Adult")

NameError: name 'age' is not defined
```

```
In [ ]: age=int(input("Enter the Age "))
        if(age==18):
            print("Adult")
```

```
In [38]: age=int(input("Enter the Age "))
         if(age==18):
             print("Adult")
```

Enter the Age 12

```
In [ ]: #if-else
```

```
In [ ]: age=int(input("Enter the age "))
        if(age<18):
            print("Children")
        else:
            print("Adult")
```

```
In [ ]: age=int(input("Enter the age:- "))
        if(age<18):
            print("Children")
        else:
            print("Adult")
```

```
In [ ]: #if-elief
```

```
In [ ]: age=int(input("Enter the age:- "))
if(age<18):
    print("Chindlren")
elif(age<35):
    print("Adult")
elif(age<=59):
    print("Citizen")
else:
    print("Senior Citizen")
```

```
In [13]: lists=[45,83,22,57,12,15,32]
```

```
In [14]: lists=[45,83,22,57,12,15,32]
for temp in lists:
    print(temp)
```

45
83
22
57
12
15
32

```
In [26]: lists=[45,83,22,57,12,15,32]
for age in lists:
    if(age<18):
        print( age,"Chindlren")
    elif(age<35):
        print(age,"Adult")
    elif(age<=59):
        print(age,"Citizen")
    else:
        print(age,"Senior Citizen")
```

45 Citizen
83 Senior Citizen
22 Adult
57 Citizen
12 Chindlren
15 Chindlren
32 Adult

```
In [29]: num=int(input("Enter the number"))
if((num%2)==0):
    print("Even Number")
else:
    print("Odd Number")
```

Enter the number2
Even Number

```
In [31]: if(num%2==0):  
         print()
```

```
In [33]: for num in range(0,10):  
         print(num)
```

```
0  
1  
2  
3  
4  
5  
6  
7  
8  
9
```

```
In [37]: for num in range(0,30,5):  
         print(num)
```

```
0  
5  
10  
15  
20  
25
```

```
In [ ]:
```