

# assignment1

Use the "Run" button to execute the code.

```
!pip install jovian --upgrade --quiet
```

```
import jovian
```

```
# Execute this to save new versions of the notebook  
jovian.commit(project="assignment1")
```

```
#first answer  
a=int(input('Enter the no.'))  
  
if (a%5==0):  
    print('Hello')  
else:  
    print('Bye')
```

Enter the no.20

Hello

```
#secondanswer  
a=int(input('Enter the no.'))  
  
if (a%7==0):  
    print('the no. is divisible by 7')  
else:  
    print('The given NO. is not divisible by 7')
```

Enter the no.14

the no. is divisible by 7

```
#thirdanswer  
age=int(input('Enter the age of the candidate '))  
if(age>=18):  
    print('Candidate is eligible to age')  
else:  
    print('candidate is not eligible to vote')
```

Enter the age of the candidate 17

candidate is not eligible to vote

```
#fourthanser  
a=int(input('Enter the number to check whether it is ODD or EVEN '))  
if(a%2==0):  
    print('The entered number',a, 'is even.')
```

```
else:
    print('The entered number',a,'is odd')
```

```
unit=int(input('Enter the no. of unit'))
if(unit<=100):
    print("no need to pay bill")
elif(unit>100) and (unit<=200):
    bill=unit*5
    print("Your total bill is" ,bill,"Rs")
else:
    unit=((unit-200)*10+500)
    print("Your total bill is" ,unit,"Rs")
```

Enter the no. of unit350  
Your total bill is 2000 Rs

```
number=int(input('enter the no. '))
a=number%10
print(a)
```

enter the no.12345  
5

```
p=int(input('Enter the percentage obtained: '))
if(p in range (91,101)):
    print('You have obtained grade "A"')
elif(p in range(81,91)):
    print('You have obtained grade "B"')
elif(p in range(59,81)):
    print('You have obtained grade "C"')
elif(p in range (0,60)):
    print('You have obtained grade "D"')
else:
    print('percentage is not properly given')
```

Enter the percentage obtained: 91  
You have obtained grade "A"

## 8

```
p=(int(input('Enter the cost price of the bike'))))
if(p in range(0,50001)):
    tax=(p/20)+p
    print("5% of the cost price is to be paid as tax is",tax)
elif(p in range(50001,100001)):
    tax=(p/10)+p
    print("10% of the cost price is to be paid as tax is",tax)
elif(p>100001):
```

```
tax=(p*0.15)+p
print("15% of the cost price is to be paid as tax is",tax)
```

Enter the cost price of the bike5000000000

15% of the cost price is to be paid as tax is 5750000000.0

## 9

```
y=(int(input('enter the year')))
if((y%400==0) and (y%100==0)):
    print('The year is leap year ')
elif((y%4==0) and (y%100!=0)):
    print('The year is leap year ')
else:
    print('The year is not leap year')
```

enter the year1800

The year is not leap year