

```

try:
    print('Hello')
    print('how are you')
    d = {'name':'venkat','mobile':9390018934}
    a = 100
    b = 10
    print(a/b)
    #print(d['address'])
    #print('python'[100])
    #100/0
    #print(x)
    print('Thank you')
except NameError as ne: # exception handler
    print(' NAME_ERROR '.center(30,'|'))
    print(ne)
    print(ne.__class__)
except ZeroDivisionError as ze:
    print(' ZERO_DIVISION_ERROR '.center(40,'*'))
    print(ze)
    print(ze.__class__)
except IndexError as ie:
    print(' INDEX_ERROR '.center(30,'@'))
    print(ie)
    print(ie.__class__)
except Exception as e:
    print(' EXCEPTION '.center(30,'-'))
    print(e)
    print(e.__class__)
else:
    print('No errors')
print('continue to execte')

Hello
how are you
10.0
Thank you
No errors
continue to execte

```

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try:
    print('Hello')
    print('how are you')
    d = {'name':'venkat','mobile':9390018934}
    a = 100
    b = 0
    print(a/b)
    print('Thank you')
except NameError as ne: # exception handler
    print(' NAME_ERROR '.center(30,'|'))
    print(ne)
    print(ne.__class__)
except ZeroDivisionError as ze:
    print(' ZERO_DIVISION_ERROR '.center(40,'*'))
    print(ze)
    print(ze.__class__)
except IndexError as ie:
    print(' INDEX_ERROR '.center(30,'@'))
    print(ie)
    print(ie.__class__)
except Exception as e:
    print(' EXCEPTION '.center(30,'-'))
    print(e)
    print(e.__class__)

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else:
    print('No errors')
finally:
    print('finally')
print('continue to execte')
Hello
how are you
***** ZERO_DIVISION_ERROR *****
division by zero
<class 'ZeroDivisionError'>
finally
continue to execte

```

```

try:
    f = open('test.txt','r')
    s = f.readline()
    print(s[15])
except FileNotFoundError as fe:
    print(fe)
except IndexError as ie:
    print(ie)
else:
    print('No error')
finally:
    f.close()

[Errno 2] No such file or directory: 'test.txt'

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```

name = input('Please enter name : ')
mobile = input('Please enter mobile number :')
age = input('Please enter age (20-25) : ')
qualification = input('Please enter qualification : ')

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try:
    pass
except Exception as e:
    print('Application rejected')
else:
    print('Application registered successfully')

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Please enter name : fdlsfsd
Please enter mobile number :flfsdlfs
Please enter age (20-25) : aldsfsldf
Please enter qualification : flasdfjljd
Application registered successfully

```

```

name = input('Please enter name : ')
mobile = input('Please enter mobile number :')
age = input('Please enter age (20-25) : ')
qualification = input('Please enter qualification : ')

```

```

try:
    if len(name) > 0:
        if name.isalpha() == True:
            print(name,'is validated')
        else:
            raise Exception('Invalid name')
    else:
        raise Exception('empty string will not be consider as name')
    if mobile.isdigit() == True:
        if len(mobile) == 10:
            if mobile[0] in '6789':
                print(mobile,'is validated')
            else:
                raise Exception('Invalid mobile number')
        else:

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        raise Exception('Invalid mobile number')
    else:
        raise Exception('Invalid mobile number')

    if age.isdigit():
        age = int(age)
        if age >= 20 and age <= 25:
            print(age,'is validated')
        else:
            raise Exception('age out of range')
    else:
        raise Exception('Invalid age')

    if qualification.isalpha():
        print(qualification,'is validated')
    else:
        raise Exception('Invalid qualification')
except Exception as e:
    print(e)
    print('Application rejected')
else:
    print('Application registered successfully')
finally:
    print('Application process is done'.center(40,'|'))
```

```
Please enter name : fjl23421342
Please enter mobile number :laldsfds
Please enter age (20-25) : dfsfs
Please enter qualification : dfdsafasd
Invalid name
Application rejected
|||||Application process is done|||||
```

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