

```
In [57]: 1 ## task-21
2 # Exception Handling or Error Handling
3 try:
4     print(21/0)
5 except:
6     print('error is occurred')
```

error is occurred

```
In [61]: 1 try:
2     print(21/0)
3 except:
4     print('error is occurred')
5 else:
6     print('this is else')
```

error is occurred

```
In [64]: 1 try:
2     print(22/2)
3 except:
4     print('error is occurred')
5 else:
6     print('this is else')
```

11.0
this is else

```
In [69]: 1 try:
2     print(21/2)
3 except:
4     print('error is occurred')
5 else:
6     print('this is else')
7 finally:
8     print('done finally')
```

10.5

```
In [69]: 1 try:
2         print(21/2)
3     except:
4         print('error is occurred')
5     else:
6         print('this is else')
7     finally:
8         print('done finally')
```

10.5
this is else
done finally

```
In [71]: 1 try:
2         print(21/0)
3
4     #except class as object
5
6     except Exception as santu:
7         print('error is occurred',santu)
```

error is occurred division by zero

```
In [74]: 1 ## name error example
2     try:
3         print(s)
4     except TypeError:
5         print('an error occurred type')
6     except NameError:
7         print('an error occurred name')
```

an error occurred name



```
2 try:
3     print(s)
4 except TypeError:
5     print('an error occurred type')
6 except NameError:
7     print('an error occurred name')
```

an error occurred name

In [93]:

```
1 s='cake'
2 try:
3     num=int(s)
4 except ValueError:
5     raise ValueError('string cannot convert into int')
6
```

```
-----
ValueError                                Traceback (most recent call last)
<ipython-input-93-d633bf22da65> in <module>
      2 try:
----> 3     num=int(s)
      4 except ValueError:
```

ValueError: invalid literal for int() with base 10: 'cake'

During handling of the above exception, another exception occurred:

```
ValueError                                Traceback (most recent call last)
<ipython-input-93-d633bf22da65> in <module>
      3     num=int(s)
      4 except ValueError:
----> 5     raise ValueError('string cannot convert into int')
```

ValueError: string cannot convert into int