UPES PYTHON LAB ASSIGNMENT

EXPERIMENT = 9

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QUESTION:-

Q1. Input two values from user where the first line contains N, the number of test cases. The next N lines contain the space separated values of a and b. Perform integer division and print a/b. Print the error code in the case of *ZeroDivisionError* or *ValueError*.

```python
for i in range(int(input())):
    try:
        a,b = map(int,input().split())
        print(a//b)
    except ZeroDivisionError:
        print("Error Code: integer division or modulo by zero")
    except Exception as c:
        print("Error Code: ",c)
```

OUTPUT:-

```
3
1 0
Error Code: integer division or modulo by zero
2 $
Error Code:  invalid literal for int() with base 10: '$'
3 1
3
```

Q2. Assume the following Python code-

Rewrite the code to handle the exceptions raised. Print appropriate error messages wherever applicable.

```
1    try:
2        mylist = [1,2,3,"4",5]
3        sum = 0
4        for i in mylist:
5            sum = sum + i
6        print(sum)
7        print (mylist[5])
8    except Exception as a:
9        print("Error code :", a)
10
11
```

OUTPUT:-

```
Error code : unsupported operand type(s) for +: 'int' and 'str'

Process finished with exit code 0
```